

20030514.qrp v02_n920.qrl.20030514

Date: Wed, 14 May 2003 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2920

QRP-L Digest 2920

Topics covered in this issue include:

- 1) [150550] Re: Ground Radial Systems
by Michael Babineau <michael.babineau@sympatico.ca>
- 2) [150551] Re: QRP - Is My Analogy Correct
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 3) [150552] Byers Chassis Kits - on sale at Dayton
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 4) [150553] Re: Antenna Tuner Step 1
by "Nick Kennedy" <nkennedy@tcinternet.com>
- 5) [150554] Harbor Freight.WNY ?
by <n2go@arrl.net>
- 6) [150555] PSK63
by Howard Teller <hteller@comcast.net>
- 7) [150556] For Sale: swr/power meters, 2m/220/440 vertical
by Paul Womble <k4fb@earthlink.net>
- 8) [150557] AC, Solar, Photos was SSB QRP on 20m?
by Brian Short <bshort4@cox.net>
- 9) [150558] For Sale: Daiwa SWR/Power Meter
by "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
- 10) [150559] Kent Paddles
by Stewart Bowers <stewbow@yahoo.com>
- 11) [150560] Re: New QRP WARC-Speed DX Challenge!
by John Harper AE5X <ae5x@qsl.net>
- 12) [150561] rf probe request -- a big thank you
by Nancy Rabel Hall <kc4iyd@yahoo.com>
- 13) [150562] QRP+ Transceiver
by "Laurent C. Lafond" <aa1qj@earthlink.net>
- 14) [150563] Re: PSK63
by Alex <kr1st@amsat.org>
- 15) [150564] Re: QRP+ Transceiver
by William R Colbert <w5xe@juno.com>
- 16) [150565] Re: PSK63
by "Bill Jones" <kd7s@psnw.com>
- 17) [150566] Station Sale
by Bob Welch <p326@earthlink.net>
- 18) [150567] QRP+ repair
by ARDUJENSKI@aol.com
- 19) [150568] Dayton Flea Market Ticket Needed

- by Paul Valko <w8kc@comcast.net>
- 20) [150569] TTF at Mt. Palomar - Here's the write up and pitures
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 21) [150570] NETXQRP Club Meeting, Saturday 17 May
by Chuck Carpenter <w5usj@9plus.net>
- 22) [150571] Re: PSK63
by Bill ROWLETT <kc4atu@yahoo.com>
- 23) [150572] OT: Arizona Saguaro in Bloom
by Brian Short <bshort4@cox.net>
- 24) [150573] Re: PSK63
by "Karl F. Larsen" <k5di@zianet.com>
- 25) [150574] Sony Crusoe
by kwiike@gdls.com
- 26) [150575] Re: advice on operation in Germany?
by Jim Eshleman <jce0@Lehigh.EDU>
- 27) [150576] Iowa QRP Club CW Net
by mark.milburn@juno.com
- 28) [150577] Re: PSK63
by "Pastor-kc1di" <elbc2@gwi.net>
- 29) [150578] Iowa QRP Club CW Net
by mark.milburn@juno.com
- 30) [150579] Why Radio?
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [150580] Re: Antenna Tuner Step 1
by Bill Coleman <aa4lr@arrl.net>
- 32) [150581] Sniffers Shipped
by David Porter <aa3ur@comcast.net>
- 33) [150582] Re: Why Radio?
by Dale Botkin <dale@botkin.org>
- 34) [150583] Re: Why Radio?
by "JessMX5" <jessmx5@earthlink.net>
- 35) [150584] Re: Why Radio?
by <stanw@toxso.com>
- 36) [150585] Re: Why Radio?
by jnewell@attbi.com
- 37) [150586] Communication speaker
by Richard Lim <richlim11@yahoo.com>
- 38) [150587] RE: Why Radio?
by "AI2Q" <ai2q@adelphia.net>
- 39) [150588] Station Sale
by Bob Welch <p326@earthlink.net>
- 40) [150589] Re: Why Radio?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 41) [150590] OT: What's A Good Red Hat Linux Book?
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 42) [150591] Re: PSK63
by Alex <kr1st@amsat.org>
- 43) [150592] Shun Winmodems when trying Linux / another source

by <mm1esg@compuserve.de>
44) [150593] Re: Why Radio?
by Haines Brown <brownh@hartford-hwp.com>
45) [150594] Re: Need definition please (Thanks)
by "Tom" <kf4yyd@adelphia.net>
46) [150595] re: QRP+
by "Laurent C. Lafond" <aa1qj@earthlink.net>
47) [150596] WTT--K2/100 for SONY Picturebook
by "Doc K0EVZ" <dock0evz@earthlink.net>
48) [150597] Re: Why Radio?
by Bruce Muscolino <w6toy@erols.com>
49) [150598] FM, Echolink, etc.
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
50) [150599] Re: Why Radio?
by Bruce Muscolino <w6toy@erols.com>
51) [150600] Re: Why Radio?
by Frank Brickle <brickle@pobox.com>
52) [150601] RE: What's A Good Red Hat Linux Book?
by Mark Schoonover <schoon@amgt.com>
53) [150602] Re: OT: What's A Good Red Hat Linux Book?
by Scott Gregson <emtech@steadynet.com>
54) [150603] Re: Why Radio?
by Lenny Wintfeld <w2bvh@comcast.net>
55) [150604] F.S. Ten Tec Argonaut II QRP transceiver
by "Joe W2KJ" <w2kj@bellsouth.net>
56) [150605] Re: OT: What's A Good Red Hat Linux Book?
by "Mike" <kw1nd.web@homeinternet.net>
57) [150606] Re: OT: What's A Good Red Hat Linux Book?
by "Pastor-kc1di" <elbc2@gwi.net>
58) [150607] Re: OT: What's A Good Red Hat Linux Book?
by Jim Eshleman <jce0@Lehigh.EDU>
59) [150608] Koch CW Trainer updated...
by "Ray Goff" <radioham@gmx.co.uk>
60) [150609] Re: QRP+ Transceiver
by Caitlyn Martin <ku4qd@earthlink.net>
61) [150610] Re: Why Radio?
by KD5NWA <KD5NWA@cbayona.com>
62) [150611] Leaving QRP
by Caitlyn Martin <ku4qd@earthlink.net>
63) [150612] Re: Why Radio?
by "John_Evans" <jae@evans@mail.codenet.net>
64) [150613] RE: Why Radio?
by "Boulineau, Lee" <lee.boulineau@attws.com>
65) [150614] Re: Why Radio? (Long)
by Caitlyn Martin <ku4qd@earthlink.net>
66) [150615] Re: Why Radio?
by Bruce Muscolino <w6toy@erols.com>
67) [150616] Re: Why Radio?

- by Dale Botkin <dale@botkin.org>
- 68) [150617] Harbor Freight Test Meter Sale
by "K5KW" <k5kw@onrampok.com>
- 69) [150618] Tent Camping in near Amarillo
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 70) [150619] Re: Why Radio?
by David Hinerman <WD8CIV@worldnet.att.net>
- 71) [150620] Re: Why Radio?
by David Hinerman <WD8CIV@worldnet.att.net>
- 72) [150621] Norcal 40A with multi-turn pot - Photo, details
by John Harper AE5X <ae5x@qsl.net>
- 73) [150622] Re: Why Radio?
by Bruce Muscolino <w6toy@erols.com>
- 74) [150623] Re: Koch CW Trainer updated...
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 75) [150624] Re: Koch CW Trainer updated...
by Alex <kr1st@amsat.org>
- 76) [150625] My Review of Ten-Tec Argonaut V
by jcasey@notes.cc.sunysb.edu
- 77) [150626] Re: My Review of Ten-Tec Argonaut V
by <igeq100@iupui.edu>
- 78) [150627] Re: QRP+ Transceiver
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 79) [150628] Vertical Antenna Ground System.
by "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
- 80) [150629] Re: Why Radio?
by Lloyd Lachow <llachow@yahoo.com>
- 81) [150630] Re: Why Radio?
by "Karl F. Larsen" <k5di@zianet.com>
- 82) [150631] Re: Why Radio?
by Jake Brodsky <frussle@erols.com>
- 83) [150632] WTD schematic for MFJ 1025 or MFJ 1026
by <stanw@toxosor.com>
- 84) [150633] OT: Need to copy a file too large for a floppy
by Ray Sills <raysills@1stconnect.com>
- 85) [150634] 4SQRP Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 86) [150635] SuSE/Mandrake Linux comparison in EWeek today
by Jim Pruitt <PruittJ@cwu.EDU>
- 87) [150636] Re: Need to copy a file too large for a floppy
by N8PHU <n8phu@comcast.net>
- 88) [150637] Re: Need to copy a file too large for a floppy
by "Mark Andrews" <KE4IOF@KE4IOF.com>
- 89) [150638] QRP+ repair..de VE3AB
by ve3ab@mail.mondenet.com
- 90) [150639] Re: OT: Need to copy a file too large for a floppy
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 91) [150640] Re: OT: Need to copy a file too large for a floppy

- by Brad Thompson <Brad.Thompson@valley.net>
92) [150641] RE: OT large file problem
by Ray Sills <raysills@1stconnect.com>
93) [150642] Re: Need to copy a file too large for a floppy
by "Michael A. Newell, WB4HUC" <mnewell1@austin.rr.com>
94) [150643] OT: Almost !
by Rick McKee <kc8aon@juno.com>
95) [150644] Re: Need to copy a file too large for a floppy
by "Mike Yetsko" <myetsko@insydesw.com>
96) [150645] Re: Need to copy a file too large for a floppy
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Tue, 13 May 2003 18:08:50 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150550] Re: Ground Radial Systems
Message-ID: <79C48813-858F-11D7-A759-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

Of course, I believe that Moxon would argue that in fact these are all just asymmetrical dipoles!

You are correct, the whole idea is to get the radials away from the lossy ground.
Hopefully high enough up so you don't trip on them or strangle yourself.
The big plus is that once you do this you no longer need miles of wire to get decent performance. For most of the HF bands we are only talking single digit feet as well so mounting your vertical on a 10ft piece of pipe will do the trick as long as you can bring the radials away nearly horizontally. As someone mentioned in a previous posting, you can get very good results with a symmetrical deployment of only two horizontal 1/8 or 1/4 wavelength radials.

One vertical antenna that is frequently overlooked is the true vertical dipole.
Theory and practice shows that the bottom can be only a few feet off of the ground with incurring any significant losses as a result. L.B. Cebik has a great article in his web site, which I believe was also in a

recent

QRP Quarterly on a 20M vertical Dipole fed with twin lead that can be used to cover from 10M thru 30M. I built a truncated one last summer using a light gauge wire and a 25ft fiberglass fishing pole and found it worked very well as a portable antenna ... no need to worry about lossy ground radials. There are lots of tricks that can be used to reduce the physical length including both linear and capacitive end loading that minimize the resulting degradation in performance and bandwidth that normally results from shortening an antenna.

I'm glad to see that the folks at Force 12 seem to be doing quite well with their

Sigma series of vertical dipole antennas.

I hope to see more articles on shortened vertical dipoles as people try to come up with their own versions of these antennas.

Michael VE3WMB

On Tuesday, May 13, 2003, at 02:48 PM, Bruce Muscolino wrote:

> It seems to me that elevated radial systems really start to make your
> antenna into a ground plane rather than a vertical. The largest effect
> that elevating radials a few feet would seem to have is elimination of
> poor quality ground. Of course it also complicates mowing the grass!
>
> 73
>

Date: Tue, 13 May 2003 17:22:18 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Tom Curtola <tcurtola@rogers.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [150551] Re: QRP - Is My Analogy Correct
Message-ID: <Pine.LNX.4.44.0305131717550.15758-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nope, that's pretty much it.

Ever stop to figure out what an S9 signal is?

50 uV at 50 ohm antenna port = S9

$P = V^2 / Z = (.000050)^2 / 50 = .00000000250/50 = .0000000005 \text{ watt}$

= 50 picowatts

(and that's for S9!)

On Tue, 13 May 2003, Tom Curtola wrote:

> Friends often wonder what I see in operating a radio to talk to a stranger
> thousands of miles away, when all I have to do is pick up a cell phone and
> call anyone I know at an equally far distance.
>
> I tried to explain to them that it is more about the technical challenge of
> using the most basic of equipment that can be hand built, without reliance
> on a huge infrastructure, such as the cell phone industry. More
> importantly, I tried to explain in terms of wonderment, just what we are
> accomplishing.
>
> In explaining to them the accomplishments of QRP, I made the analogy that
> the 1 foot by 1 foot, 5 watt solar panel I use to keep my battery charged,
> to run the little radio, is akin to using a 4 inch square mirror to reflect
> the sunlight back up to the atmosphere where an ionized layer, being about
> the equivalent as roughly polished metal reflects back down my mirror light
> to a person a couple of thousands of miles away, and he is able to see this
> reflection. That's how sensitive the receiver is at the other end and how
> little power is needed at my end.
>
> After thinking about it in those terms, I too am awe struck. And we're not
> even talking about QRPP or microwatts that some people use.
>
> Is my analogy way off? I figured 4 inch square mirror of light energy being
> transmitted. This is based on the 1 square foot solar panel at 5 watts
> being only about 15% efficient. This solar panel just keeps the battery
> topped up as my transceiver uses about the same amount of energy out while
> transmitting 2 - 3 watts.
>
> Now, I just use a wire antenna, which isn't very directional like the mirror
> analogy, so it's even more geewhiz than I explained in that regard. Plus
> the ionosphere is probably way less efficient in reflecting than roughly
> polished metal, due to losses getting up, some absorption, and coming back
> down again.
>
> I hope I'm not way off-base in my analogy.
>
> Tom
> VA3TY
> Toronto

> va3ty@rac.ca

>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 13 May 2003 17:57:48 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [150552] Byers Chassis Kits - on sale at Dayton
Message-ID: <Pine.LNX.4.44.0305131755350.15758-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-ID: <Pine.LNX.4.44.0305131755550.15758@w3eax.umd.edu>

This was forwarded to me by Charles Byers K3IWK with regard to a sale he's having at the Dayton flea market.

No endorsement or anything, just passing along information.

>From Charles...

I will have a sale of 50% off of all chassis kits in STOCK ONLY, at Dayton Friday and Saturday.
If you can pass the word before Friday.

THANKS
CHARLES BYERS K3IWK
BYERS CHASSIS KITS

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Tue, 13 May 2003 18:16:55 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <aa4lr@arrl.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150553] Re: Antenna Tuner Step 1
Message-ID: <002901c319b6\$827f29e0\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ah, good to see Bill back in here. Things are getting a little too bland.

>
> Actually, Conjugate Matching doesn't usually mention Maximum Power
> Transfer.

Well, I can't see that it's much good for anything *but* maximum power transfer.

Without invoking the CM name, Hayt and Kemmerly in Engineering Circuit Analysis say that for the Thevenin source, maximum power transfer occurs when $Z_L = Z_{th}^*$ (Z_{th}^* here meaning the conjugate of the source impedance). "This result is often dignified by calling it the Maximum Power Transfer Theorem for the sinusoidal steady state."

>
> What it does talk about is resonance. Resonance is defined as that
> condition where all of the reactive components add up to $+j0$. By
> supplying the conjugate of the load impedance as presented at the end of
> the transmission line, a resonant condition is obtained.
>
> In fact, this resonant condition is established all the way from the
> output of the matching device, and at every point along the feedline and
> into the load.

I reckon that's true, but it seems a bit specious. When you have a resonant circuit, the individual elements still retain their values of reactance, right? Specifically, the antenna still has the same impedance independent of matching effected at the other end of the line

.

>
> It's hard to talk about Maximum Power Transfer, because the impedance of
> the signal source (transmitter) isn't known.

Yep. That's why you don't have a CM condition.

Har! Gotcha last!

72--Nick, WA5BDU

>

> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net

Date: Tue, 13 May 2003 19:37:45 -0400 (EDT)
From: <n2go@arrl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [150554] Harbor Freight.WNY ?
Message-ID: <Pine.LNX.4.33.0305131934001.13975-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just got a flyer from Harbor freight. They opened up in Amherst NY.
This is in WNY near Buffalo.
Looks like I will have to pay 8% sales tax from now on....At least until
the Sales tax goes up. On the other hand I can inspect the stuff before I
decide that I "gotta have it".

73,

Jim n2go

Date: Tue, 13 May 2003 19:42:30 -0400
From: Howard Teller <hteller@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150555] PSK63
Message-ID: <3EC182E6.C3DC3AEB@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Dear Qrp'ers,

On May 4, I launched a new digital mode, PSK63, which is twice as fast as PSK31,
so it is very good for contesting (and a boring brag file lasts only half as
long!). Since it is also twice as wide as PSK31, I was unsure if it would be a
good QRP mode, but it turns out in actual practice that the weak signal
performance is so close to PSK31, that it is definitely useful for QRP digital
communications, so I would like you all to know about it.

The increased speed allows the operator to send a small, pixel-sharp, digital color thumbnail portrait of himself and receive the same from the other operator in just under 2 minutes with about the same quality as the text print. Macros simply fly across the screen at 100 wpm.

Reception of this new mode has been very good, so if you are interested, please visit <http://www.qsl.net/kh6ty/psk63/> for a further explanation and links to download software.

If you are currently using any program for PSK31 that uses PSKCORE.DLL, you can just replace that DLL with the PSK63 version, as explained on the PSK63 webpage, and be working PSK63 immediately. PSK63 is currently being used from 14072.5 to 14080. Set your transceiver for 14072.0, upper sideband, and just click on any signal you see on the waterfall that is twice as wide as a PSK31 signal, which you will probably also see around the lower end of the waterfall.

73, Skip KH6TY

Date: Tue, 13 May 2003 20:00:20 -0400
From: Paul Womble <k4fb@earthlink.net>
To: "vhf@w6yx.stanford.edu" <vhf@w6yx.stanford.edu>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>,
Subject: [150556] For Sale: swr/power meters, 2m/220/440 vertical
Message-ID: <3EC18714.C6D2C5B9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Comet CX-333 2m/220/440 vertical in excellent condition. Up for only about 8 weeks.
Includes original case/shipping tube and hex wrench. \$120 plus shipping.

Diamond SX-400 swr/power meter.
Covers 140 MHz - 525 MHz. In excellent condition. Includes original box.

\$75 plus shipping.

Daiwa CN-101L 1.8 - 150 MHz swr/power meter.
In excellent condition. Includes original box and manual.
Dual cross needle meter with 15, 150, and 1.5 KW power settings.
\$70 plus shipping

Please email with any questions.

Paul K4FB

Date: Tue, 13 May 2003 19:28:48 -0400
From: Brian Short <bshort4@cox.net>
To: kr1st@amsat.org, Low Discussion <qrp-1@Lehigh.EDU>
Subject: [150557] AC, Solar, Photos was SSB QRP on 20m?
Message-ID: <A60F602E-859A-11D7-8CF8-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

Alex. et. al.,

On Tuesday, May 13, 2003, at 08:35 AM, Alex wrote:

> If the fan hasn't run for a while (even just days) then the oil in the
> barings of the fan motor is forming thick drops preventing the fan from
> running. That's what I learned two months ago when my AC fan (the
> outside unit) didn't start. The AC guy just used a screwdriver to
> rotate
> the fan until it got started. After a few tries the fan slowly started
> to
> rotate and within a minute it was running at top rpms again.

I think you are absolutely correct. I had trouble getting the fan to go every year after the first. I had the front panel set up to come right off and I would help the fan along to get it started. It is very difficult to turn now. I'm going to replace the whole thing (it is like a window type unit 5 years old). Bummer!

Anyway, I still have no electricity in the desert because the power company wants to charge me for installation until I have a "permanent dwelling." It is a stand off!

I am thinking of putting a good size (75-100w) solar panel on my garage along with a small bank of lead acid batteries inside. I would like it if somebody has direct experience with any of the 75-100w panels to email me.

I am still shopping around and just thinking about it, but I ultimately might install a panel, charge controller, battery bank, and modest inverter (I have one already, but a cleaner one would be nice). Pointers from those who have done it?

Lastly, it was 98F degrees today, but I did manage to take

some photos out in the desert, primarily of blooming saguaro cacti.

See: <http://www.k7on.com/photo/saguaros/saguaros.html>

Brian

--

See my web page: <http://www.k7on.com>

Date: Tue, 13 May 2003 21:05:15 -0400
From: "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150558] For Sale: Daiwa SWR/Power Meter
Message-ID: <000f01c319b4\$e12ac4b0\$64dc0a0a@magnus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
I have a Daiwa CN-101L for sale.
Comes with original box, manual, DC plug cord (for internal lamps).
Dual cross needle meter with 15, 150, and 1.5 KW power settings.
\$80 and I cover shipping.

73,
Kevin, KC8SFJ

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|=====|
| QRP-L      #2366  - member since October/2001 |
| QRP-ARCI   #11248 - member since May/2002      |
| FISTS      #9293  - member since July/2002      |
| HR          - member since September/1965      |
|=====|
```

AdverseYaw@twmi.rr.com <-- My email address
Quote of the day--

A witty saying proves nothing. - Voltaire

Date: Tue, 13 May 2003 18:38:09 -0700 (PDT)
From: Stewart Bowers <stewbow@yahoo.com>
To: qrp-l@Lehigh.EDU

Subject: [150559] Kent Paddles
Message-ID: <20030514013809.44053.qmail@web11308.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all who responded re my high resistance problem with the Kent paddles.

The solution, as suggested by many of you, was simply to drill and tap 6-32 holes in the main frame and contact arms. I made up a short piece of copper braid and secured both ends on each side with a lug and brass screw. This is a much more effective ground than the tension springs or the bearings. It doesn't degrade the appearance and works perfectly now.

73, Stewart

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Tue, 13 May 2003 21:39:38 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150560] Re: New QRP WARC-Speed DX Challenge!
Message-ID: <000301c319b9\$b0068f90\$6501a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Sounds fun - count me in.

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Tue, 13 May 2003 19:10:52 -0700 (PDT)
From: Nancy Rabel Hall <kc4iyd@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150561] rf probe request -- a big thank you
Message-ID: <20030514021052.69533.qmail@web41103.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi all,

Just want to let everyone know that this is truly a very friendly and helpful group. I received over half a dozen emails from folks who provided me with all sorts of helpful comments, pictures and many who are willing to sit with me. I have all of your names and calls and will look you up at FIDM. I will be bringing the electronic parts and some basic tools and looking forward to building the rf probe.

Thanks again
72 de kc4iyd/8
Nancy

Date: Tue, 13 May 2003 19:44:41 -0700
From: "Laurent C. Lafond" <aa1qj@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [150562] QRP+ Transceiver
Message-ID: <3EC1AD99.9090305@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Does anyone know if Index Labs is still in business (under another name)???
(In another location)???

Tried calling them as I am having some problems with my unit (nothing real serious)
and no luck in locating them.

tk5, es 72,
Laurent aa1qj

Date: Sun, 11 May 2003 00:47:10 -0400

From: Alex <kr1st@amsat.org>
To: hteller@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150563] Re: PSK63
Message-ID: <3EBDD5CE.97D4F11B@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Skip,

Tried PSK63 tonight, but no takers for my CQ, but that may not have anything to do with the mode of course. ;) Of course a talk-first-then-listen pactor station tried to give me a hard time on 14.072. According to QRZ.com, we could've worked ground wave, btw. HI

Indeed the mode is much faster. However, that was a TX only test of course. Hopefully others will be able to install it too so that there's someone to play with tomorrow night.

Please forgive my ignorance, but I don't understand the following statement on your website:

<quote>

Weak signal performance of PSK63 will be similar to PSK31, except that twice the power needs to be run compared to PSK31 for the same signal-to-noise ratio

</quote>

If weak signal performance is similar, then why would I need to run twice the power? Isn't that like saying that the weak signal performance of SSB is similar to PSK31 as long as you throw enough power at the receiver?

I really do like the speed advantage though.

73,

--Alex KR1ST

Howard Teller wrote:

>

> Dear Qrp'ers,

>

> On May 4, I launched a new digital mode, PSK63, which is twice as fast as PSK31, so it is very good for contesting (and a boring brag file lasts only half as long!). Since it is also twice as wide as PSK31, I was unsure if it would be a good QRP mode, but it turns out in actual practice that the weak signal

performance is so close to PSK31, that it is definitely useful for QRP digital communications, so I would like you all to know about it.

Date: Tue, 13 May 2003 22:20:31 -0600
From: William R Colbert <w5xe@juno.com>
To: aa1qj@earthlink.net, qrp-l@lehigh.edu
Subject: [150564] Re: QRP+ Transceiver
Message-ID: <20030513.222034.-846023.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Been out of business since the late 90's, and the chief tech that was doing repair work for the QRP+ community passed away about a year or year and a half ago. The only one that has done a little bit is VE3AB, but that was mostly redoing the E-proms. There is a qrp+list that is hosted by Scot from EMTECH. I haven't been on it for some time but you can visit at:

<http://emtech.steadynet.com/qrpplus/bboard.mv>

Hope that answers your question.

73

Ray

"Texas can make it without the United States,
but the United States can't make it without Texas."

Sam Houston, Governor

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M

ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Tue, 13 May 2003 22:10:39 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150565] Re: PSK63
Message-ID: <005001c319d7\$6dcd4ce0\$1e44f842@RadioRoom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Alex,

I printed you perfectly in central California this evening but you were too fast for me. I had just downloaded the program and was still configuring it. Perhaps I will catch you one of these evenings soon.

=====
Bill Jones KD7S <><
<http://www.psnw.com/~kd7s>
Sanger, California
=====

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, May 10, 2003 9:47 PM
Subject: Re: PSK63

> Hi Skip,
>
> Tried PSK63 tonight, but no takers for my CQ, but that may not have
> anything to do with the mode of course. ;)

Date: Tue, 13 May 2003 22:17:35 -0700
From: Bob Welch <p326@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [150566] Station Sale
Message-ID: <3EC1D16F.E905FD08@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Leaving QRP for now-selling station- All in like new condition- Priced to
sell

1.Ft-817 never used mobile appearance and operation in like new
condition
with all original accessories, Mike, power cord, antenna ,Shoulder
strap,Box
Warranty Card (Never sent it in) no Dings or nicks. No modifications .

Includes One plug power from W4RT 1650 battery with thermal fuse and
plug for Maha charger. Pack-It second addition manual and Plastic set up

card by w7yen.

\$410 + \$ 10 shipping

2. Tokyo HY-Power HL-50B Amp setup for Ft-817 \$200 + \$10 Shipping
3. Z11 ATU \$110 +\$5 Shipping
4. Paddlette paddle model PK-1 and km-1 knee mount. \$32 + \$4 shipping

Please reply direct to
Bob Welch W8MCJ
p326@earthlink.net

Date: Wed, 14 May 2003 01:32:01 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [150567] QRP+ repair
Message-ID: <49.2e5cd302.2bf32ed1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Followup to an earlier inquiry
INDEX LABS closed its doors several years ago. One of the former employees maintained repair until he passed away last May (Stan K7SY). As of now to my knowledge there is no person who has stepped into that role. It is my understanding that EMTECH has agreed to take on the collection of spare parts that Stan had but not sure if there are even any schematics any more. This was arranged by Bill N7MFB a close friend of Stan's

The last known EXPERT on the QRP+ still alive is Bruce Franklin K7DYY in Tacoma, WA (he was the designer). Not sure if he has any intensions of getting involved with repairs or if he may have a recommendation for someone that would be a good replacement for Stan K7SY. I am sure there are a few gentlemen on this list that have working knowledge with the radio to be able to effect most repairs

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

--- --- --- --- DIT DIT

Date: Wed, 14 May 2003 02:44:28 -0400
From: Paul Valko <w8kc@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: tentec@contesting.com
Subject: [150568] Dayton Flea Market Ticket Needed
Message-ID: <005001c319e4\$44411660\$6601a8c0@p4main>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Hello friends!

It looks like I'm going to be able to attend the Hamvention after all!

Do you have a spare "Flea Market" ticket available for purchase? Those are specially marked to get people into the set-up area a couple hours early. The guys I usually get a space with did not get me a ticket this year because it looked like I was not going.

I can meet you Thursday night at "The Rib Spot" which is kitty-corner to HARA arena (great ribs too), or Friday morning at the Hamvention gates. Please email.

73! =paul= W8KC

Collector of Ten*Tecs and Other Fine Plastics.

Visit the Virtual Ten*Tec Museum at <http://mywebpages.comcast.net/w8kc>

Date: Wed, 14 May 2003 01:10:56 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"Elecraft Mailing List" <elecraft@mailman.qth.net>
Subject: [150569] TTF at Mt. Palomar - Here's the write up and pictures
Message-ID: <002101c319f0\$59fdda40\$c5beb2d1@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Finally got around to putting up the web page for our last TTF trip to Mt. Palomar. Here's the link:

http://www.qsl.net/kg6cyn/Mt_Palomar_05_01_03.htm

Hope you enjoy it! See you on the air!

73's Trev KG6CYN

<http://www.qsl.net/kg6cyn>

Date: Wed, 14 May 2003 05:22:04 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, George Baker <w5yr@att.net>,
Lew Paceley <lew@paceley.com>,
Subject: [150570] NETXQRP Club Meeting, Saturday 17 May
Message-ID: <3.0.2.32.20030514052204.00846100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRPers,

All who are interested are invited to attend.

Saturday, May17, 2002 -- 1:00 to 3:00 pm (or so)

Los Hermanos
1500 W. Moore Ave (US80 West)
Terrell, TX 75160
972-524-5580

Directions:

Los Hermanos is on the West side of Terrell. It is on the North side of US80 (Moore Ave.) about a block East of the intersection of US80, SH205, and SH148. SH205 goes North from US80 toward Rockwall and SH148 goes South back across IH20. Los Hermanos is a small restaurant next to a Payless Shoe Source.

If you have a favorite QRP something you'd like to bring along, please do. Each month we also have a *Door Prize* drawing. Bring an item to share for the door prize table. A drawing is held at the end of the meeting to *redistribute* the wealth. Everyone attending gets a chance at one (or more) of the prizes. Good food, good conversation and good company. Come join the fun!

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 14 May 2003 03:24:38 -0700 (PDT)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: hteller@comcast.net,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150571] Re: PSK63
Message-ID: <20030514102438.49813.qmail@web14203.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Speed is nice, but the width is not. We should be
looking at using less space, not more.

Have fun, Bill kc4atu

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Wed, 14 May 2003 05:31:59 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [150572] OT: Arizona Saguaros in Bloom
Message-ID: <E9A66FA2-85EE-11D7-965B-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

The Saguaros are in bloom, now:
<http://www.k7on.com/photo/saguaros/saguaros.html>

--
See my web page: <http://www.k7on.com>

Date: Wed, 14 May 2003 05:09:40 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>
To: Alex <kr1st@amsat.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150573] Re: PSK63
Message-ID: <Pine.LNX.4.44.0305140504310.1566-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Alex, I guess you type a lot faster than I do. I find that PSK-31 does not slow me down at all. To get a new mode going you do need another station in town. I was having trouble getting my Yaesu FT-817 working on PSK-31 and finally called AC5RI and got him on and we discovered my transmit frequency was different than my receive. Changed from PSK31 mode to USER mode and it worked fine.

On Sun, 11 May 2003, Alex wrote:

> Hi Skip,
>
> Tried PSK63 tonight, but no takers for my CQ, but that may not have
> anything to do with the mode of course. ;) Of course a
> talk-first-then-listen pactor station tried to give me a hard time on
> 14.072. According to QRZ.com, we could've worked ground wave, btw. HI
>
> Indeed the mode is much faster. However, that was a TX only test of
> course. Hopefully others will be able to install it too so that there's
> someone to play with tomorrow night.
>
> Please forgive my ignorance, but I don't understand the following
> statement on your website:
>
> <quote>
> Weak signal performance of PSK63 will be similar to PSK31, except that
> twice the power needs to be run compared to
> PSK31 for the same signal-to-noise ratio
> </quote>
>
> If weak signal performance is similar, then why would I need to run
> twice the power? Isn't that like saying that the weak signal performance
> of SSB is similar to PSK31 as long as you throw enough power at the
> receiver?
>
> I really do like the speed advantage though.
>
> 73,
> --Alex KR1ST

>
>
> Howard Teller wrote:
> >
> > Dear Qrp'ers,
> >
> > On May 4, I launched a new digital mode, PSK63, which is twice as fast as PSK31, so it is very good for contesting (and a boring brag file lasts only half as long!). Since it is also twice as wide as PSK31, I was unsure if it would be a good QRP mode, but it turns out in actual practice that the weak signal performance is so close to PSK31, that it is definitely useful for QRP digital communications, so I would like you all to know about it.
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 14 May 2003 07:03:10 -0400
From: kwike@gdls.com
To: qrp-l@Lehigh.EDU
Subject: [150574] Sony Crusoe
Message-ID: <0FD6A3E7BA.B205A1FD-0N85256D26.003C6F31@gdls.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Someone was looking for one of these.
Sony VAI0 PCG-C1MW Crusoe 867MHz 256MB RAM
30GB/CDRW/DVD/56K/8.9 TFT/Camera/WXPP

See
<http://www.ubid.com/actn/opn/getpage.asp?AuctionId=8633776>

Ed AB8DF

Date: Wed, 14 May 2003 07:44:35 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: qrp-l@Lehigh.EDU
Subject: [150575] Re: advice on operation in Germany?
Message-ID: <3EC22C23.2060500@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

[posting for Ingo, DK3RED - N3VXI]

I wrote an email to the office of our German amateur radio club (DARC) and arrived a clear and fast answer.

1. The national German law (!) says: It's not necessary to add "/P" or "/M" here in Germany (other countries other laws).
2. The office wrote me: The original CEPT recommendation (!) is from 1992 and since this time multiple changed.

Mike if you come to Lichtenau and Friedrichshafen please leave the "/P" and "/M" at home (grin).

Note: You can operate also in many other CEPT countries without these additions: 4X, G, I, LA, LZ, OA, OH, OK, PJ, SM, SP, T9, TA, VE, W, YO, ZL, ZS.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de	http://www.t-online.de/~dk3red
DL-QRP-AG #824	http://www.dl-qrp-ag.de
QRP ARCI #11295	http://www.qrparci.org

Date: Wed, 14 May 2003 06:54:10 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu
Subject: [150576] Iowa QRP Club CW Net
Message-ID: <20030514.065412.-1494399.1.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The net will be held Wednesday night at 8:00 PM CST on or around 7.112.
That's Thursday morning at 0100Z for those that care. All are
welcome...join in if you can.

72 Mark KQ0I
Des Moines, Iowa

Date: Wed, 14 May 2003 07:59:15 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <kc4atu@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [150577] Re: PSK63
Message-ID: <3EC22F93.000001.01704@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D

=0D

-----Original Message-----=0D

=0D

From: kc4atu@yahoo.com=0D

Date: Wednesday, May 14, 2003 07:34:39=0D

To: Low Power Amateur Radio Discussion=0D

Subject: Re: PSK63=0D

=0D

Speed is nice, but the width is not. We should be=0D
looking at using less space, not more.=0D

=0D

Have fun, Bill kc4atu=0D

=0D

-----=0D

=0D

=0D

Ditto's Bill, I agree we don't need another wider band mode. I was on las=
t

evening and between the packet and pactor and rtty it was tough going..

Think if anything we should be encouraging narrower bandwidths , if speed
can be had great but not at the expense of wider bandwidth. just my 2 cen=
ts

worth.. I don't find PSK31 that slow for casual taking nor for contests.=

=2E =0D

73 Dave kc1di =0D

=20

Date: Wed, 14 May 2003 07:11:37 -0500

From: mark.milburn@juno.com

To: qrp-l@lehigh.edu

Subject: [150578] Iowa QRP Club CW Net

Message-ID: <20030514.071138.-1494399.8.MARK.MILBURN@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Aargh! I think I said the net would be 8:00 PM CST...of course I meant
CDT. Still Thursday morning at 0100Z though, and on or around 7.112.
Sorry.

72 Mark KQ0I
Des Moines, Iowa

Date: Wed, 14 May 2003 06:25:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [150579] Why Radio?
Message-ID: <Pine.LNX.4.44.0305140608030.1566-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The reason young people do not experiment with radio is because they already have a radio called a Cell Phone and it works fine. It has a transmitter that works real good. They have a radio in their car that brings them music and talk.

A person comes up and talks about Ham Radio. They listen to the repeater talk and the HF "Long Distance" talk and walk away. They can call Uncle Bill in Dallas anytime. The Internet gets them across the world.

So we need a different way to explain why we are Hams. 50 years ago it made real sense to get an ARC-5 and modify it for operation on the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance call was lots of Dollars. Repeaters gave us Cell Phone performance before there were any.

Why do we still do Ham Radio? One reason is so we can stay proficient in CW. Another is we have friends we reach either on HF or Repeaters. We don't even know their phone numbers. But none of this will be fun for a young person.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 14 May 2003 08:21:00 -0400
From: Bill Coleman <aa4lr@arrl.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [150580] Re: Antenna Tuner Step 1
Message-ID: <20030514122259.BBN019462.imf33bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 5/13/03 9:16 PM, Nick Kennedy at nkennedy@tcainternet.com wrote:

>> Actually, Conjugate Matching doesn't usually mention Maximum Power
>> Transfer.
>
>Well, I can't see that it's much good for anything *but* maximum power
>transfer.

But, does MPT, as taught, imply that 50% of the power is dissipated in the source? That clearly doesn't apply here.

>Without invoking the CM name, Hayt and Kemmerly in Engineering Circuit
>Analysis say that for the Thevenin source, maximum power transfer occurs
>when $Z_L = Z_{th}^*$ (Z_{th}^* here meaning the conjugate of the source impedance).
>"This result is often dignified by calling it the Maximum Power Transfer
>Theorem for the sinusoidal steady state."

We're really not talking about the impedance of the source, but the complex impedance that the source supplies.

>> What it does talk about is resonance. Resonance is defined as that
>> condition where all of the reactive components add up to $+j0$. By
>> supplying the conjugate of the load impedance as presented at the end of
>> the transmission line, a resonant condition is obtained.
>>
>> In fact, this resonant condition is established all the way from the
>> output of the matching device, and at every point along the feedline and
>> into the load.
>
>I reckon that's true, but it seems a bit specious. When you have a resonant
>circuit, the individual elements still retain their values of reactance,
>right? Specifically, the antenna still has the same impedance independent
>of matching effected at the other end of the line

Correct. The impedance of the antenna doesn't change, but the reactive component is cancelled because of a conjugate value supplied from the source. All that is left is a resistive component -- which is the definition of resonance.

In short, the conjugate match brings the antenna to resonance.

>> It's hard to talk about Maximum Power Transfer, because the impedance of
>> the signal source (transmitter) isn't known.

>

>Yep. That's why you don't have a CM condition.

To anyone who is a EE, MPT is a familiar theorem. However, MPT doesn't apply, since 50% of the source energy isn't dissipated in the source. We really don't know the impedance of the generator -- all we really know is the impedance it supplies to the feedline.

This has more to do with Maximum Available Power, which is completely different from MPT.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 14 May 2003 08:35:35 -0400
From: David Porter <aa3ur@comcast.net>
To: NJQRP <njqrp@njqrp.org>,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150581] Sniffers Shipped
Message-ID: <NGBBICPOCLKMGIBGGBEA0EGBDIAA.aa3ur@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

The next wave of approximately 60 sniffers will be shipped this morning.
Check out the shipping status page to see if yours has shipped.

<http://www.njqrp.org/sniffer/snifferorders.htm>

More will be shipped Thursday or Friday. This will utilize all our parts.
We have received parts for more, but they are not yet in my hands. The
remaining orders will be shipped as soon as the new parts are received and
kitted.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Wed, 14 May 2003 08:04:38 -0500 (CDT)

From: Dale Botkin <dale@botkin.org>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150582] Re: Why Radio?
Message-ID: <Pine.LNX.4.33.0305140750100.27880-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 May 2003, Karl F. Larsen wrote:

> Why do we still do Ham Radio? One reason is so we can stay
> proficient in CW. Another is we have friends we reach either on HF or
> Repeaters. We don't even know their phone numbers. But none of this will
> be fun for a young person.

I don't play with my radios to keep my CW proficiency, I work on my Morse speed so I can play radio more. For me, there is still some magic in being able to talk across the country, or halfway around the world, with less radiated power than some night lights. Cell phones are nice if you have a specific person to talk to, and broadcast radio is nice if you just feel the need to be entertained. I own and use both. But there is something to be said for knowing exactly how all of that works; to drive down the road, see an antenna tower and think, "Yeah, I do that too, just with a smaller tower". And it's nice to know that when the power is out and the lines are down and the cell network is clogged or nonfunctional, I can still communicate if I need to.

And if someone swiped all my gear, I could do it again in a couple of days with no more than what parts I have in the basement, and if those are gone it's just a trip to Radio Shack or a few scrapped appliances. I see it like camping or hunting - it's recreational and I enjoy it a lot, but it's also kind of nice to know you have the skill just in case you ever need it.

72,
Dale - N0XAS
--

It's a thankless job, but I've got a lot of Karma to burn off.

Date: Wed, 14 May 2003 07:06:27 -0600
From: "JessMX5" <jessmx5@earthlink.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150583] Re: Why Radio?

Message-ID: <009a01c31a19\$a1e12fa0\$6601a8c0@Jess>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And when the next terrorist attack comes, or there is no electricity because of hurricanes, tornadoes, or whatever, then the cell phones and internet will be useless.

Jess

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 14, 2003 6:25 AM
Subject: Why Radio?

>
> The reason young people do not experiment with radio is because
> they already have a radio called a Cell Phone and it works fine. It
> has a transmitter that works real good. They have a radio in their car
> that brings them music and talk.
>
> A person comes up and talks about Ham Radio. They listen to the
> repeater talk and the HF "Long Distance" talk and walk away. They can
> call Uncle Bill in Dallas anytime. The Internet gets them across the
> world.
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> So we need a different way to explain why we are Hams. 50 years
> ago it made real sense to get an ARC-5 and modify it for operation on
> the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance
> call was lots of Dollars. Repeaters gave us Cell Phone performance
> before there were any.
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> proficient in CW. Another is we have friends we reach either on HF or
> Repeaters. We don't even know their phone numbers. But none of this will
> be fun for a young person.
>
>
>
> --
>
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
>

Date: Wed, 14 May 2003 08:47:04 -0500
From: <stanw@toxsor.com>
To: <qrp-1@lehigh.edu>
Subject: [150584] Re: Why Radio?
Message-ID: <000301c31a1f\$5209fb00\$0364010a@toxsor.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl has made several very good points. I could add others along the same line of thought, when we were teenagers technology was king and it was a quick path to engineering that you could do in the garage. Some of my friends built super Hot Rods, and some of us talked around the world with our Hot Rod versions of an ARC-5.

Today you do see some of this spirit in the Robot projects and even some of the PDA modifications and game configurations. But the Hot Rod Model A is now dad's toy and talking to the world in most cases also dad's toy. Many of today's hams can not even build a simple wire antenna. However, it is a hobby that is many hobbies within one. Building an antenna or modifying a old military radio are not the goal or in many cases even desirable. The challenges are still there you just have to look for them. QRPP is a good example, many of those in QRP are really into portable operation. I like QRP for an entirely different reason. I want to work around the world with the least amount of power with simple antenna. So to me QRP is running a few milliwatts to an antenna with a gain of one, using the latest digital software, owning the best receivers and still work the world. Sure I can operate CW and make reasonable contacts, but proficiency at 20 wpm is not my thing. Decoding a signal 40 to 80 db into the noise is my challenge.

We in this hobby have to look at it as just a hobby within a group of hobbies, yes ham radio may not out live us, but hopefully we will all outlive it.

In the mean time wonder if I can catch a signal tonite using a laptop with a sound card that picks up radio signals that sound like noise but when decoded is really communications from a fellow experimenter on the other side of the world.

de Stan ak0b

Date: Wed, 14 May 2003 13:47:21 +0000
From: jnewell@attbi.com
To: qrp-l@lehigh.edu
Subject: [150585] Re: Why Radio?
Message-ID: <200305141347.h4ED1Pd3018141@rain.CC.Lehigh.EDU>

> Why do we still do Ham Radio?

For one thing, because even in the suburbs of Boston, where I live, cell phone coverage is very spotty still, and is subject to a variety of technological weaknesses. Ice storms can wipe out cells. On 9/11, the cell network was unusable due to call volume. Even in everyday circumstances, coverage is poor. As recently as Monday night I took an HT so my kids could contact me because the building where the local Scout troop meets is borderline for cell reception -- but is covered beautifully by at least 3 two meter repeaters.

The low-tech, widely-distributed nature of ham radio means that it has a backbone of iron when the chips are down. This is most true of HF, of course, but even VHF/UHF repeaters are often more robust than the cell phone system.

72/73
John Newell
KB1FPM

Date: Wed, 14 May 2003 08:51:25 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150586] Communication speaker
Message-ID: <BAE7B40D.28E2%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I just purchased a communication speaker from Marlin P Jones & Assoc.
www.mpja.com #14205 SP for \$5.95. It is a little 1.5" diameter speaker in a plastic case with metal mounting bracket. The speaker works great for both phone and CW. Since the freq response is limited for max intelligibility it makes copy pretty good. I bought two and plan to use one to make a tuned speaker for CW. Folks may want to check it out, the price is right.
Rich
KQ9L

Date: Wed, 14 May 2003 09:52:02 -0400
From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Cc: <k5di@zianet.com>
Subject: [150587] RE: Why Radio?
Message-ID: <000001c31a20\$0018b240\$7e01a8c0@CHIPCENTERSF>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Karl:

What's missing is lots of imagination. Doesn't it seem like kids lack it in any great measure these days?

Years ago a child would read a book and conjure images of the characters and settings. Nowadays Disney, et al, has done all the work for them. Push a button and see Gandalf, or pay \$10 and watch Harry Potter perform his "wizardry" in full widescreen computerized whiz-bang color for 90 minutes. Whatever happened to Jules Verne and Robert Louis Stevenson?

Not too long ago I was working in my basement shack/shop on a two-tube regenerative receiver. At one point, I put a clip lead on the antenna terminal, applied B+, and tweaked the set's regen pot. Lo and behold, there was UA1BD, Taras, heard calling CQ on 80 meters.

My imagination was fired.

I thought: Isn't it amazing that Taras is keying his rig somewhere in the steppes of the Ukraine, and whatever it is that's agitating the RF universe, his signals are in *my* basement! Wow! The universe is still inexplicable and awe inspiring!

Karl, I'm afraid pop culture has drugged a lot of kids (some literally) with a passive dose of Ho-Hum. Not too many of them swing wrenches, lug old TV sets home to cannibalize, or wind coils on oatmeal boxes like they used to, eh?

My granddaughter recently visited me, and helped me repair a broken fitting on a vintage car. Although she enjoyed assisting me, she asked me why I didn't have someone in the "shop" do the work. I had to explain to her that I would do it with TLC, and I would derive satisfaction from doing the job myself. Apparently it never occurred to her that folks work on their own cars (after all, most modern cars are too complex to fiddle with, aren't

they?)

By the way, she's thoroughly addicted to her PC for AOL Instant Messaging with friends, and she owns a cellphone that's surgically attached to her hand. She has a TV bluster set in the back of her dad's SUV, and she carries a portable video game machine wherever she goes. She insists on scheduling a goodly part of her daily comings and goings around TV's "Charmed" show.

Does she ever imagine anything outside of this sphere of pop culture influence? When she visits with me I try to expose her to camping, sailing, walking in the woods, and gardening, but she seems less-than-interested, to say the least.

If you want to discover more about why kids lack imagination, and would like to explore alternatives, and would like to read about a clear(er) vision of how today's children are blasted by media hype and pop culture "drugs," read Barbara Kingsolver's collection of essays entitled "Small Wonder" (ISBN 0-06-050407-2).

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Karl F. Larsen

Sent: Wednesday, May 14, 2003 8:25 AM

To: Low Power Amateur Radio Discussion

Subject: Why Radio?

The reason young people do not experiment with radio is because they already have a radio called a Cell Phone and it works fine. It has a transmitter that works real good. They have a radio in their car that brings them music and talk.

A person comes up and talks about Ham Radio. They listen to the repeater talk and the HF "Long Distance" talk and walk away. They can call Uncle Bill in Dallas anytime. The Internet gets them across the

world.

So we need a different way to explain why we are Hams. 50 years ago it made real sense to get an ARC-5 and modify it for operation on the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance call was lots of Dollars. Repeaters gave us Cell Phone performance before there were any.

Why do we still do Ham Radio? One reason is so we can stay proficient in CW. Another is we have friends we reach either on HF or Repeaters. We don't even know their phone numbers. But none of this will be fun for a young person.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 14 May 2003 07:06:42 -0700
From: Bob Welch <p326@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150588] Station Sale
Message-ID: <3EC24D72.BF488955@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you for all the calls and e-mail

The Ft-817- HL-50b and Z11 have been sold

Bob ,W8MCJ

Date: Wed, 14 May 2003 09:16:59 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [150589] Re: Why Radio?
Message-ID: <Pine.LNX.4.44.0305140916080.18358-1000000@w3eax.umd.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I disagree.

Growing up, I had the telephone.

Radio appealed to me because of not knowing who was going to answer, and from where.

The key is providing exposure...

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> be fun for a young person.
>
>
>
>

--
Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 14 May 2003 10:20:58 -0400 (EDT)
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [150590] OT: What's A Good Red Hat Linux Book?
Message-ID: <7397331.1052922060063.JavaMail.nobody@wamui02.slb.atl.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I read Michael VE3WMB's post and happen to need a good book for Red Hat Linux 9 (or good series of books). I have to install for one of my machines at the office. I have no experience with Linux or Unix unfortunately. I am the Network Admin here and seeing if I can do it with manuals. I saw some online training courses, too.

Thanks for the help.
72 Kevin N2T0
Brooklyn, NYC
QRP-L #323
kfglynn@mindspring.com

Date: Wed, 14 May 2003 10:29:07 -0400
From: Alex <kr1st@amsat.org>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150591] Re: PSK63
Message-ID: <3EC252B3.935FDA11@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi Bill,

Thanks for the report. I was running 40 Watts and the band seemed to be in rough shape when I was on. I figured I'd try at higher power first and after making a contact to suggest going down in power. Antenna is a 110ft inverted V with apex at 60 feet and fed with homebrew open wire. I have some things to do tonight, but I'll try to be on around 10pm EST and perhaps we can have a chat, Bill. Can't stay too long because I have to get up early in the morning.

What I meant with the speed advantage is that it whips out a CQ sequence (macro) real fast. I don't have much experience with RTTY to be honest,

but from the looks of it, I'd rather compare PSK63 to RTTY than PSK31. I can see why this mode could be a nice contesting mode.

I think the 63 Hz bandwidth is not all that objectionable. Sure, you can cram a lot of signals into the receiver passband with PSK31, but more often than not I'm fiddling with the IF-shift and tuning to drop half of those so that the signal I'm really interested in is better to read.
(simple bare bones IC-718 rig here)

If I would need better weak signal performance, I'd use MFSK16 over most other digital modes. Too bad you don't find very many folks using that, though.

73,
--Alex KR1ST

Bill Jones wrote:

>
> Alex,
>
> I printed you perfectly in central California this evening but you were too
> fast for me. I had just downloaded the program and was still configuring
> it. Perhaps I will catch you one of these evenings soon.
> =====
> Bill Jones KD7S <><
> <http://www.psnw.com/~kd7s>
> Sanger, California
> =====

Date: Wed, 14 May 2003 07:31:15 -0700
From: <mm1esg@compuserve.de>
To: qrp-l@LeHigh.edu
Subject: [150592] Shun Winmodems when trying Linux / another source
Message-ID: <3064d31b0d.31b0d3064d@compuserve.de>
MIME-Version: 1.0
Content-Language: de
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

<http://www.cheapbytes.com>
72,
Chris kf6vci

Date: Wed, 14 May 2003 10:33:00 -0400
From: Haines Brown <brownh@hartford-hwp.com>
To: k5di@zianet.com
Cc: qrp-1@Lehigh.EDU
Subject: [150593] Re: Why Radio?
Message-ID: <200305141433.h4EEX0SA014629@hartford-hwp.com>

I sent this following to another list this morning, but thought it relevant to the thread.

=====

My club the other day had a speaker who went on at some length, pleading for more public recognition of the amateur radio hobby. In the process he spent much time berating Echolink for the very reason Hamish mentioned: "Do you call this amateur 'radio'?" I must admit that I spent much of the time during his talk daydreaming, but also wondered about the philosophical implications of the question.

If you are allergic to abstract speculation, read no further ;-)

Any hobby or personal commitment that results in our development is not just doing what we will, but represents action within certain constraints imposed by circumstance. For example, education will not take place in a classroom unless the teacher imposes constraints, some discipline, assignments, rules of behavior.

So to understand the fascination of amateur radio, we need to keep in mind the various constraints in terms of which we act. Early on I suppose it was the difficulty communicating over a distance. It took perseverance and cleverness to employ the new emerging technology to communicate at all. Other constraints have been the challenge of building useful equipment, contesting, DX, field days, etc.

However, technology has so advanced that it has become child's play to communicate: using an HT with repeaters, for example. And because communications has become so easy, in order to develop and enjoy the hobby, we must impose constraints on ourselves, such as QRP or the Altoid fetish. Without such constraints we are mere communicators, and we could just as well use the telephone or e-mail, probably with less expense and trouble.

Note, however, that the circumstance that imposes constraints upon us must always change, and so the hobby itself always changes. It has no hidden inner essence that sharply distinguishes it, no obvious dividing line separating it from other activities such as electronic design, homebrew, and computer operations. These spheres of activity

do not just interact, but flow into each other and represent only vague regions in a continuum.

It might be objected that the essence must surely have something to do with radio--with communicating information by means of RF transmission. That would certainly be true, but this is merely a verbal argument and circular, making an accidental form serve as an absolute essence. The point should be that we enjoy ourselves by developing within certain constraints of circumstance. It does not reduce, on one hand, to just the passing nature of those constraints, nor the resulting communication on the other, but is the combination of the two.

I am surely biased, but I find the HT as alien to amateur radio as Echolink. Both can be useful and interesting, but only as easy ways to communicate. The constraints here are not substantially technical (equipment, modes, conditions for RF transmission, etc.), but, I suppose, social. People enjoy talking on the 'phone, not because it's a technical challenge, but because it is socially meaningful or useful.

In short, the HT and Echolink seem useful ways to communicate, but their value does not arise from the technical constraints we associate with the amateur radio hobby, but rather with the value and challenges of social communications.

However, there is no reason for traditional hams to object to these modes of communication. If (which I doubt, but the point can be argued) the technical constraints nowadays are either no longer challenging (the HT and relay) or are beyond the technical competence of most (SMT construction ;-), then maybe amateur radio will become a thing of the past. That should not be regretted as long as people still grow through technical challenges and still seek to communicate.

The small family farm is a thing of the past, and while much of value may have been lost with its disappearance, we today face new challenges and hold as true other values better suited to today's circumstances. Many of us may not embrace Echolink, but we should not denigrate it either.

Haines Brown KB1GRM

Date: Wed, 14 May 2003 10:35:21 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [150594] Re: Need definition please (Thanks)

Message-ID: <EIEBLEILGEEGMLHGHOAGKEIECFAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All Thanks for the responses I learned something new. BTW sorry for the late thanks but life here is hectic at the moment.

Tom kf4yyd

Date: Wed, 14 May 2003 07:57:49 -0700
From: "Laurent C. Lafond" <aa1qj@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [150595] re: QRP+
Message-ID: <3EC2596D.7050508@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Thanx to all who came to my aaid. I believe that I have found the problem by going to the below listed URL. Will put it to the test later today. This guy also fixes them, but it seems a "little" expensive.

At least I found out that I'm not the only one with this transceiver, and some of you actually like it, as I do.

Thanks again,
Laurent aa1qj

<http://www.qsl.net/wd8rif/yarema.htm>

Date: Wed, 14 May 2003 10:18:21 -0500

From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
"Elecraft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [150596] WTT--K2/100 for SONY Picturebook
Message-ID: <4120035314151821249@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Someone said I should be looking for a SONY "PictureBook", as that name is far more recognisable than SONY "Crusoe". Looking for one because it is so light weight and small, while retaining many features of a larger laptop. OK, so anyone interested in trading your SONY PictureBook?

I have a fully outfitted Elecraft K2/100 serial #2029.

Please respond off-list. Thanks in advance.

73,
--Doc/K0EVZ

Date: Wed, 14 May 2003 11:16:10 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: jnewell@attbi.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150597] Re: Why Radio?
Message-ID: <3EC25DBA.131ED44B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anybody remember that to use a cell phone you have to know the person you want to talk to? Using ham radio you almost never know who you will have a QSO with. You don't have to have a reason other than getting a signal report. You might never have to talk to the other person again. The QSL card may prompt further interest in the person or

where they live, or it may not. Cell phones have monthly charges associated with their use. Ham radio has a one time charge to buy the equipment. There is no comparison!

73

Date: Wed, 14 May 2003 10:32:44 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Haines Brown <brownh@hartford-hwp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150598] FM, Echolink, etc.
Message-ID: <Pine.LNX.4.44.0305141025100.21255-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Actually, I consider the FM HT to have been the "next logical step" given where ham radio was coming from (from homebrew to commercially-built rigs) and going toward (FM repeaters and HTs becoming more easily obtained as solid state devices for VHF and above became more plentiful).

Remember, this FM stuff started with GE and Motorola and did so for commercial reasons. Hams then went and modified this equipment, and voila, a new use for those underutilized VHF/UHF bands!

Once there was a market for radios designed specifically for these bands, the commercial guys turned their eyes to it (much as they had on the HF bands some 20 years prior - but this time it was Wilson, Icom, and KDK instead of Hallicrafters and Hammarlund and Collins) and saw a VIABLE market.

What's next? Who knows? Is there anything left to convert?

Actually, yes and no.

In radio? Probably not.

Outside of radio, and able to be linked to radio?

How about Echolink?

Scott N7JI

On Wed, 14 May 2003, Haines Brown wrote:

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> useful.
>
> In short, the HT and Echolink seem useful ways to communicate, but
> their value does not arise from the technical constraints we associate
> with the amateur radio hobby, but rather with the value and challenges
> of social communications.
>
> However, there is no reason for traditional hams to object to these
> modes of communication. If (which I doubt, but the point can be
> argued) the technical constraints nowadays are either no longer
> challenging (the HT and relay) or are beyond the technical competence
> of most (SMT construction ;-), then maybe amateur radio will become a
> thing of the past. That should not be regretted as long as people
> still grow through technical challenges and still seek to communicate.
>
> The small family farm is a thing of the past, and while much of value
> may have been lost with its disappearance, we today face new
> challenges and hold as true other values better suited to today's
> circumstances. Many of us may not embrace Echolink, but we should not
> denigrate it either.
>
> Haines Brown KB1GRM
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 14 May 2003 11:31:21 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150599] Re: Why Radio?
Message-ID: <3EC26149.4C07390D@erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I guess I should have waited and addressed Karl's original posting. Karl and I seem to have been licensed for about the same period of time. When I was a young kid I had a telephone to stay in touch with a few friends and relatives. I always knew who I was talking to. I also had a ham radio, to stay in touch with the rest of the world. Most of the time I didn't know who was going to be at the other end! Karl says it made sense to get an ARC-5 and get on the air. But it apparently didn't make sense to everyone, because not everyone bought one! I think hams are representative of the people who would walk down the middle of the street whistling. But hams are not unique, they are no different than the people who hang out at airports, or in automotive garages, or in any other place that interests them to the exclusion of most other things.

73

Date: Wed, 14 May 2003 11:34:27 -0400
From: Frank Brickle <brickle@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150600] Re: Why Radio?
Message-ID: <3EC26203.4090303@pobox.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

>>Why do we still do Ham Radio?

The analogy isn't perfect, but it's something like the reason people fly their own planes as opposed to taking commercial flights: it's fun to do it yourself.

To stretch the analogy to the breaking point, QRP is like flying a sailplane.

73
Frank
AB2KT

Date: Wed, 14 May 2003 08:37:48 -0700
From: Mark Schoonover <schoon@amgt.com>
To: "'kfglynn@mindspring.com'" <kfglynn@mindspring.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150601] RE: What's A Good Red Hat Linux Book?
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6CA7@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

man pages are probably the best... Yes, you don't need to install RH first in order to read them. The best way to learn is by doing, RH installation is pretty good, straight forward, and if you have reasonably new hardware, then it should be a snap to install...

HTH

.mark

>-----Original Message-----

>From: Kevin F. Glynn [mailto:kfglynn@mindspring.com]

>Sent: Wednesday, May 14, 2003 7:21 AM

>To: Low Power Amateur Radio Discussion

>Subject: OT: What's A Good Red Hat Linux Book?

>

>

>Hi gang,

>

>I read Michael VE3WMB's post and happen to need a good book

>for Red Hat Linux 9 (or good series of books). I have to

>install for one of my machines at the office. I have no

>experience with Linux or Unix unfortunately. I am the Network

>Admin here and seeing if I can do it with manuals. I saw some

>online training courses, too.

>

>Thanks for the help.

>72 Kevin N2T0

>Brooklyn, NYC

>QRP-L #323

>kfglynn@mindspring.com

>

>

Date: Wed, 14 May 2003 08:41:03 -0700

From: Scott Gregson <emtech@steadynet.com>
To: kfglynn@mindspring.com, qrp-1 <qrp-1@lehigh.edu>
Subject: [150602] Re: OT: What's A Good Red Hat Linux Book?
Message-ID: <3EC2638F.3020804@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Kevin,

Redhat installs really easy - you do not really need a manual. All you really need to know is if you want a work station or a server. If the machine you are installing it on is less than 3 years old (or so) it will happily install and configure itself automatically.

The SAMS "Unleashed" books are OK - if you really want a book anyway.

Like I said Redhat installs very easily - it will usually even automatically detect and configure any newer Raid, Sound, etc. If you are installing from CDrom, just put it in the CD drive and boot (maybe tell the BIOS to boot from CD). Sometimes you need to make a boot floppy on some systems - look at the #1 CD from a windows machine - there are read-me's that tell you how to format and install the image to the floppy. Then just put in the CD, and the floppy and reboot the install machine. It is easier to install if it can use the entire hard drive (vs. keeping a dos partition).

During install it may ask or verify hardware (mouse type, keyboard, timezone, etc). It is pretty basic.

Hint - Workstation = games, Server = Apache, MySQL, etc, but no games. Either way you can go back and add RPM's as you need them. It install's security stuff by default either way.

To real key to ease of installing is newer (newer than 3-4 years old) hardware.

~Scott

Kevin F. Glynn wrote:

> Hi gang,

>

> I read Michael VE3WMB's post and happen to need a good book for Red Hat Linux 9 (or good series of books). I have to install for one of my machines at the office. I have no experience with Linux or Unix unfortunately. I am the Network Admin here and seeing if I can do it with manuals. I saw some online training courses, too.

>

> Thanks for the help.
> 72 Kevin N2T0
> Brooklyn, NYC
> QRP-L #323
> kfglynn@mindspring.com
>
>

--

Scott Gregson
1127 Poindexter Ave W
Bremerton, WA 98312

<http://www.kjv.com> - Christian Printed materials
<http://emtech.steadynet.com> - Ham Radio Gear
<http://www.steadynet.com> - Webhosting

Date: Wed, 14 May 2003 11:44:32 -0600
From: Lenny Wintfeld <w2bvh@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150603] Re: Why Radio?
Message-ID: <3EC28080.7080407@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

For me operating ham radio is in the same category as fishing.

Some days you go out with 4 different kinds of bait and come back
skunked and some times you throw out a rusty diamond jig and come up
with an 8 pound fluke.

Some days you can call CQ and get nothing in return and some days a nice
ham from Kwajelein Atoll will return your call, or you can have a 45
minute rag-chew with someone in Australia from the east coast. (All have
happened to me).

Both are pursuits for optimists.

73,
Lenny W2BVH

Date: Wed, 14 May 2003 11:50:15 -0400
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [150604] F.S. Ten Tec Argonaut II QRP transceiver
Message-ID: <003301c31a30\$833ef700\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Too many rigs here so time to thin out the herd.

I have for sale an Argonaut II 5W QRP transceiver. This digital radio is in collector/museum condition without a scratch, ding, dent or any imperfection of any kind. I replaced the backlight with a new TenTec unit with 50,000 hours MTBF.

The radio covers 160m thru 10m with SSB/CW/AM/RTTY/FM operation and also covers from 100Khz to 29.999.99Mhz general coverage. It is an outstanding Shortwave receiver.

Will sell the radio for \$600 plus shipping.

73, Joe W2KJ
North Carolina

Date: Wed, 14 May 2003 09:54:42 -0600 (MDT)
From: "Mike" <kw1nd.web@homeinternet.net>
To: <kfglynn@mindspring.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [150605] Re: OT: What's A Good Red Hat Linux Book?
Message-ID: <59325.156.153.254.10.1052927682.squirrel@webmail.velocitus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

> I read Michael VE3WMB's post and happen to need a good book for Red Hat
> Linux 9

I don't use RH, but I strongly recommend "Running Linux" published by

O'Reilly, 4th edition (came out in December 02, so it's current). It's the best Linux book I've found yet - readable & understandable by a relative new user such as myself, yet a lot of detail and examples on virtually all aspects of Linux. You can probably get an overview of it on their site or Amazon.com. The authors give specific mention of RH & SuSE throughout the book, in addition to "generic" Linux info that will work in virtually all flavors. I've found it to be quite useful for Slackware, for example.

I ditched a couple of older, larger Linux guides in favor of this one.

Cover price is \$45, but I found a private seller via Amazon selling a new copy (slightly damaged cover) for \$10, so I recommend looking around. Just make sure to get the latest edition (or a real good price on the 3rd edition).

73

Mike, KW1ND

Date: Wed, 14 May 2003 11:55:51 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <kfglynn@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150606] Re: OT: What's A Good Red Hat Linux Book?
Message-ID: <3EC26707.000006.01704@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D
Hi ,=0D
=0D
What is your experience level running Linux? =0D
If this is the first time I'd Recommend Redhat linux 9.0 for Dummies.=0D
If you have computer exposure to unix or linux I'd Recommend Running Linu=
x =0D
or The Redhat 9.0 Bible (expensive but extensive.) Also there is lots of
online help, Try =0D
www.Redhat.com=0D
=0D
<http://www.justlinux.com/>=0D
=0D
<http://linux-newbie.sunsite.dk/>=0D
=0D

<http://www.linuxquestions.org/index.php>

Follow the links from any of these pages should give you more than you ever

wanted to know. Also Sams prints a primer call teach yourself Redhat Linux

in 24 hours that would be of help to those not familiar with Linux.

hope this helps,

73 Dave KC1DI

-----Original Message-----

From: kfglynn@mindspring.com

Date: Wednesday, May 14, 2003 11:01:16

To: Low Power Amateur Radio Discussion

Subject: OT: What's A Good Red Hat Linux Book?

Hi gang,

I read Michael VE3WMB's post and happen to need a good book for Red Hat Linux 9 (or good series of books). I have to install for one of my machines

at the office. I have no experience with Linux or Unix unfortunately. I am

the Network Admin here and seeing if I can do it with manuals. I saw some online training courses, too.

Thanks for the help.

72 Kevin N2T0

Brooklyn, NYC

QRP-L #323

kfglynn@mindspring.com

Date: Wed, 14 May 2003 12:23:28 -0400

From: Jim Eshleman <jce0@Lehigh.EDU>

To: qrp-l@Lehigh.EDU

Subject: [150607] Re: OT: What's A Good Red Hat Linux Book?

Message-ID: <3EC26D80.9010105@Lehigh.EDU>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Kevin et al,

Thanks for marking the Subject: OT, because it is. I have no problem with an OT question, but it would be most helpful if everyone would respond privately and Kevin would summarize the responses to the list. Before anyone jumps on me for not being linux friendly, think about this. Would you like to see a long thread like this about windoze? I didn't think so :-)

73
Jim N3VXI

Date: Wed, 14 May 2003 17:23:01 +0100
From: "Ray Goff" <radioham@gmx.co.uk>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150608] Koch CW Trainer updated...
Message-ID: <001b01c31a35\$42a69c70\$0100a8c0@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Just to let everybody know that I have released version 5 of my freeware Koch method CW Trainer today.

Go to www.g4fon.co.uk and follow the Koch link.

Good luck with learning the code!

72/73

Ray,. G4FON

Date: Wed, 14 May 2003 12:30:38 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [150609] Re: QRP+ Transceiver
Message-ID: <20030514123038.579b800f.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Tue, 13 May 2003 19:44:41 -0700

"Laurent C. Lafond" <aa1qj@earthlink.net> wrote:

> Does anyone know if Index Labs is still in business (under another
> name)???(In another location)???

To misquote Dr. McCoy from Star Trek, "It's dead, Jim". They have been
out of business for some years now. The radio is an orphan.

72,
Caity
KU4QD

Date: Wed, 14 May 2003 11:27:04 -0500

From: KD5NWA <KD5NWA@cbayona.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [150610] Re: Why Radio?

Message-ID: <5.2.0.9.0.20030514112659.00aaed38@127.0.0.1>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

But kids don't think about that, they think everything will go according to
their plans, apparently some adults where I live think the same way, the
hospitals, police, and fire plan to use cell phones for emergency use. Some
hospitals tell hams who offer to setup emergency communication equipment,
no thanks we have cell phones. One of these days they are going to have a
rude awakening.

At 08:06 AM 5/14/2003, JessMX5 wrote:

>And when the next terrorist attack comes, or there is no electricity becuase
>of hurricanes, tornadoes, or whatever, then the cell phones and internet
>will be useless.

>

>Jess

>----- Original Message -----

>From: "Karl F. Larsen" <k5di@zianet.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Wednesday, May 14, 2003 6:25 AM

>Subject: Why Radio?

>

>

> >

> > The reason young people do not experiment with radio is because

> > they already have a radio called a Cell Phone and it works fine. It
> > has a transmitter that works real good. They have a radio in their car
> > that brings them music and talk.
> >
> > A person comes up and talks about Ham Radio. They listen to the
> > repeater talk and the HF "Long Distance" talk and walk away. They can
> > call Uncle Bill in Dallas anytime. The Internet gets them across the
> > world.
> >
> > So we need a different way to explain why we are Hams. 50 years
> > ago it made real sense to get an ARC-5 and modify it for operation on
> > the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance
> > call was lots of Dollars. Repeaters gave us Cell Phone performance
> > before there were any.
> >
> > Why do we still do Ham Radio? One reason is so we can stay
> > proficient in CW. Another is we have friends we reach either on HF or
> > Repeaters. We don't even know their phone numbers. But none of this will
> > be fun for a young person.
> >
> >
> >
> > --
> >
> > - Karl Larsen k5di Las Cruces, NM Az ScQRPions -
> >

Cecil
KD5NWA

Date: Wed, 14 May 2003 12:41:21 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [150611] Leaving QRP
Message-ID: <20030514124121.61094f78.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Tue, 13 May 2003 22:17:35 -0700
Bob Welch <p326@earthlink.net> wrote:

> Leaving QRP for now-selling station

Hi, Bob,

I'm sorry to hear that. QRP is the one aspect of ham radio which will probably be with me so long as I am a ham. Working Europe with 100W on 20m or 17m is not that much harder than picking up the phone and calling family over there. I like a challenge, and QRP operation provides that challenge.

Also, when financial times are rough, QRP operation always seems to be the easiest to do on a tight budget. What does, say, an old Yaesu FT-7, a 3 amp power supply, and some wire for a dipole cost? About \$200, maybe less? That's a complete, usable, SSB/CW QRP station on five bands. Oh, and I used the FT-7 as an example. I could just as easily have said Ten Tec Argonaut or any of a number of other rigs.

I can take a 20 meter handheld with me and operate QRP and actually make contacts. If I want to operate 100W I have to add heavy batteries and/or a power supply, and a telescopic whip and a counterpoise won't be an option for an antenna.

QRP is ham radio at its minimalistic, simplistic best. It is an art to be able to get a decent signal out so that the station at the other end doesn't have to struggle to copy you. Heck, it's an art just to make QSOs over more powerful competition.

Operating QRP means probably never having a TVI or RFI complaint. I don't want my neighbors to hear me on the radio unless they are hams. Not ever interfering makes for good relations.

I realize this hobby is different things to different people, and I respect that QRP is an aspect of the hobby that may not be for you. For me, after 18+ years, QRP still hasn't gone stale.

YMMV

72,
Caity
KU4QD

who needs to add a "QRP Philosophy" page to her website already

Date: Wed, 14 May 2003 10:36:54 -0600
From: "John_Evans" <jaevans@mail.codenet.net>
To: <qrp-l@lehigh.edu>
Subject: [150612] Re: Why Radio?
Message-ID: <200305141036.AA70254904@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Kids don't get interested in things, radio included, if they don't think it is cool - it is cool if they've never seen something similar before, it is cool if one of their friends thinks it is cool, or it is cool if they saw a product ad on television that made it look cool.

Kids today are bombarded with so much hype about so many things that they are desensitized to the possibilities of ham radio.

Oh, I forgot to mention that if it has anything to do with looking smart or like a geek, forget it.

72 - john - n0hj

Date: Wed, 14 May 2003 11:51:57 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150613] RE: Why Radio?
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428EC1@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Those Hospitals need to talk to the Dade County people in Florida -
Remember a little storm named Andrew???

Lee N4MVL (in Florida)

-----Original Message-----
From: KD5NWA [mailto:KD5NWA@cbayona.com]
Sent: Wednesday, May 14, 2003 11:27 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Why Radio?

But kids don't think about that, they think everything will go according to=20

their plans, apparently some adults where I live think the same way, the

hospitals, police, and fire plan to use cell phones for emergency use.

Some=20

hospitals tell hams who offer to setup emergency communication

equipment,=20

no thanks we have cell phones. One of these days they are going to have

a=20

rude awakening.

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>Jess

>----- Original Message -----

>From: "Karl F. Larsen" <k5di@zianet.com>

>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

>Sent: Wednesday, May 14, 2003 6:25 AM

>Subject: Why Radio?

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can

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will

> > be fun for a young person.

> >
> >
> >
> > --
> >
> >
> >

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Cecil
KD5NWA=20

Date: Wed, 14 May 2003 13:00:01 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [150614] Re: Why Radio? (Long)
Message-ID: <20030514130001.0ff276e7.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, everyone,

Why radio? I am asked this question now and again, and I have three main answers:

1) To meet people. With ham radio I meet interesting people from all over the world. Ham radio gives a common interest and a common point from which to start a conversation. I've developed real friendships with people all over the world because of radio, friendships which later often lead to face to face meetings and which are built on interests that go way beyond radio. Radio, though, was the starting point. I would never have met these people through the internet or by phone. Really talking to someone, someone you don't know, in a safe way is a really nice thing, and I know of no better way to do that than ham radio.

2) To help my neighbors and my community. Ham radio operators provide emergency communications in case of disasters. We're there when there's a hurricane, an ice storm, an earthquake, you name it. It doesn't matter if the power is down. We are there, and we are trained to help the police and emergency officials get important, sometimes life saving, messages through when the regular channels are clogged or down.

3) To learn. I have talked with fascinating people and learned about other cultures, other countries, other ways of life. Sure, I can learn

a lot of the same things from books, TV, or the internet. Actually talking to the people gives you a level of understanding those mediums cannot.

If you start talking about CW you have lost most people. I can't believe that was even cited as an answer for those not already into CW. MOST HAMS don't bother with CW, except maybe to pass a license exam. It is a niche area of the hobby, though an admittedly large niche, especially among QRPers. Yes, once someone is in the hobby already and learns why CW is valuable the bug may bite, and that is how we will get new CW ops. It shouldn't be used to try and lure people into the hobby. To the general public, CW is arcane and archaic. If someone is already interested in CW, of course, start there. If not, get them licensed first and then tell them about what they are missing.

Don't wax technical unless the person is technically inclined. If they think the space program is neat tell them about satellites and QSOs with the ISS. Some have told me that this is a decidedly female viewpoint, but I think it applies to anyone who is non technical. You don't have to build radios or understand how they work to make a valuable contribution to ham radio any more than you need to understand how an engine works to be able to drive a car safely. I think a lot of women and young people are driven away because tinkering with radios seems totally uninteresting to them, and that is where many hams start describing the hobby. The people who make technical contributions and advance the state of the art have my utmost respect, but they are a tiny minority of the ham population.

72/73,
Caity
KU4QD

Date: Wed, 14 May 2003 13:05:06 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: brickle@pobox.com, qrp-l@lehigh.edu
Subject: [150615] Re: Why Radio?
Message-ID: <3EC27742.838DD580@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I disagree. Flying, as a hobby, is great fun. Flying, as a hobby can lead to a rewarding career for some. The same can be said for many other interests, from building and racing cars, to photography. Interests are just that, interests that can be nurtured if the proper

conditions are met. Even if the conditions are not met, whether a career results, a life long hobby will trust. We should concentrate on nurturing the interests we find, and helping develop those interests when we can.

73

Date: Wed, 14 May 2003 12:08:58 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Frank Brickle <brickle@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150616] Re: Why Radio?
Message-ID: <Pine.LNX.4.33.0305141207350.28351-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 May 2003, Frank Brickle wrote:

> To stretch the analogy to the breaking point, QRP is like
> flying a sailplane.

I think of it more like a Sopwith Camel or an SE-5A... not a lot of power, maybe takes a little more skill, but the reward is unbeatable.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.

Date: Wed, 14 May 2003 12:12:28 -0500
From: "K5KW" <k5kw@onrampok.com>
To: qrp-l@lehigh.edu
Subject: [150617] Harbor Freight Test Meter Sale
Message-ID: <000501c31a3b\$ffcb1dc0\$805258d8@21byq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Someone in the last few days posted information on a test meter on sale at

Harbor Freight for \$ 2.99. I printed information on it from Harbor's web site, but have misplaced it and can't find it on their web page. I'm headed for Tulsa this afternoon and would like to pick one up. Anyone remember the item number? Help is appreciated.

72,

Don, K5KW
Fort Gibson, OK

Date: Wed, 14 May 2003 10:14:26 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [150618] Tent Camping in near Amarillo
Message-ID: <09d201c31a3c\$45f12f60\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will be driving back to Hamcom in June, and my plans are to drive to Flagstaff the first night, then to Amarillo the second. I know where to camp in Flagstaff, grin, but I need some help for Amarillo. I will be tent camping. I prefer a place with showers. I will be traveling to Dallas when I leave Amarillo. Thanks, Doug

Date: Wed, 14 May 2003 13:18:33 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [150619] Re: Why Radio?
Message-ID: <5.1.1.6.1.20030514131315.00a4c8f0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I remember reading an account of an annual city running event - I think it was a marathon, but I'm not sure - where the local hams used to provide comm support. Then one year the local cellular operator donated phones to all the race officials, rendering the hams unnecessary.

After a day of busy signals, dropped calls, and an inability to send messages to the entire group, the event administrators swore off of phones

and begged the hams to come back the following year.

I wish I could remember the details of who, what, when, where, how, and why, so we could find the article (or someone who lived through it) to show to unprepared emergency preparedness officials. But sometimes ham radio really -is- the right tool for the job.

At 11:27 AM 5/14/2003 -0500, you wrote:

>But kids don't think about that, they think everything will go according
>to their plans, apparently some adults where I live think the same way,
>the hospitals, police, and fire plan to use cell phones for emergency use.
>Some hospitals tell hams who offer to setup emergency communication
>equipment, no thanks we have cell phones. One of these days they are going
>to have a rude awakening.

>

>

>At 08:06 AM 5/14/2003, JessMX5 wrote:

>>And when the next terrorist attack comes, or there is no electricity becuase
>>of hurricanes, tornadoes, or whatever, then the cell phones and internet
>>will be useless.

>>

>>Jess

>>----- Original Message -----

>>From: "Karl F. Larsen" <k5di@zianet.com>

>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>>Sent: Wednesday, May 14, 2003 6:25 AM

>>Subject: Why Radio?

>>

>>

>> >

>> > The reason young people do not experiment with radio is because
>> > they already have a radio called a Cell Phone and it works fine. It
>> > has a transmitter that works real good. They have a radio in their car
>> > that brings them music and talk.

>> >

>> > A person comes up and talks about Ham Radio. They listen to the
>> > repeater talk and the HF "Long Distance" talk and walk away. They can
>> > call Uncle Bill in Dallas anytime. The Internet gets them across the
>> > world.

>> >

>> > So we need a different way to explain why we are Hams. 50 years
>> > ago it made real sense to get an ARC-5 and modify it for operation on
>> > the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance
>> > call was lots of Dollars. Repeaters gave us Cell Phone performance
>> > before there were any.

>> >

>> > Why do we still do Ham Radio? One reason is so we can stay
>> > proficient in CW. Another is we have friends we reach either on HF or

>> > Repeaters. We don't even know their phone numbers. But none of this will
>> > be fun for a young person.
>> >
>> >
>> >
>> > --
>> >
>> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>> >
>
>Cecil
>KD5NWA

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 14 May 2003 13:24:54 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [150620] Re: Why Radio?
Message-ID: <5.1.1.6.1.20030514131949.00a6b770@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

John,

Maybe somebody needs to make a video game featuring radio.

No, I have a better idea - show the kids how to use ham radio to WIN video games! My brothers (both licensed and in the same city) were trying to use 2M to corordinate play in an online combat simulation game (well, that's the polite term - it's Quake, a bloody first-person shooter) a few years ago. They lived a little too far apart for simplex, and they didn't want to tie up a repeater with gaming, so it didn't quite work out.

But a team that could connect via radio would have an advantage over those who were relying on the in-game messaging.

Dave

At 10:36 AM 5/14/2003 -0600, you wrote:

>Kids don't get interested in things, radio included, if they don't think
>it is cool - it is cool if they've never seen something similar before, it
>is cool if one of their friends thinks it is cool, or it is cool if they

>saw a product ad on television that made it look cool.
>
>Kids today are bombarded with so much hype about so many things that they
>are desensitized to the possibilities of ham radio.
>
>Oh, I forgot to mention that if it has anything to do with looking smart
>or like a geek, forget it.
>
>72 - john - n0hj

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 14 May 2003 13:45:10 -0400
From: John Harper AE5X <ae5x@qsl.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [150621] Norcal 40A with multi-turn pot - Photo, details
Message-ID: <000501c31a40\$91311d10\$6501a8c0@JOHN>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

<http://www.ae5x.com/mods.html>

John Harper AE5X
Outdoor QRP & 80-Meter DXing: <http://www.ae5x.com>

Date: Wed, 14 May 2003 13:46:58 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [150622] Re: Why Radio?
Message-ID: <3EC28112.9EB7700A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You may be thinking of Santa Monica, California. I used to work
communication there for a number of years.

Date: Wed, 14 May 2003 11:00:24 -0700
From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: radioham@gmx.co.uk,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [150623] Re: Koch CW Trainer updated...
Message-ID: <005901c31a42\$b31a12e0\$20cdb3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Boy, I can't recommend Ray's CW trainer enough! I've been using it every day for at least 15 minutes a day since January and my CW has improved well beyond my initial expectations! I'd really recommend starting out with NO Farnsworth type spacing. It'll be a little frustrating at first but once your brain grasps the rhythm of it, you'll notice those fast CW ops aren't so hard to copy any longer. All it takes is 15 minutes per day, 3 5 minute practice sessions. Follow the Koch method and before too long you'll be having a lot more fun on the air with CW!

Thanks for providing this to us Ray!

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----
From: Ray Goff <radioham@gmx.co.uk>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 14, 2003 9:23 AM
Subject: Koch CW Trainer updated...

> Hi,
>
> Just to let everybody know that I have released version 5 of my
freeware
> Koch method CW Trainer today.
>
> Go to www.g4fon.co.uk and follow the Koch link.
>
> Good luck with learning the code!
>

> 72/73
>
> Ray,. G4FON
>
>

Date: Wed, 14 May 2003 14:34:15 -0400
From: Alex <kr1st@amsat.org>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150624] Re: Koch CW Trainer updated...
Message-ID: <3EC28C27.5EA0EBD0@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Thanks Ray!

I really like the new Farnsworth settings. Now I can better adjust the overall speed to the speed I can write at.

I also noticed that the tone is somewhat different than the previous version and it seems that the timing is slightly different as it does consistently do about 10 characters less than the previous version in a 5 minute session. (running on W2000 here) However, that may be very well caused by the changes in the random number generator.

73,
--Alex KR1ST

Ray Goff wrote:

>
> Hi,
>
> Just to let everybody know that I have released version 5 of my freeware
> Koch method CW Trainer today.
>
> Go to www.g4fon.co.uk and follow the Koch link.
>
> Good luck with learning the code!
>
> 72/73
>
> Ray,. G4FON

Date: Wed, 14 May 2003 14:39:56 -0400
From: jcasey@notes.cc.sunysb.edu
To: Tentec@mailman.qth.net, Ten-Tec516@yahoogroups.com,
sales@tentec.com, qrp-l@lehigh.edu, liqrp@mailman.qth.net
Subject: [150625] My Review of Ten-Tec Argonaut V
Message-ID: <0F620212FA.23DF9738-0N85256D26.0065D247@cc.sunysb.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Gang,

I have posted a detailed review of the Ten-Tec Argonaut V, Model 516 transceiver on the Long Island QRP Club web site:

<http://www.qsl.net/liqrp/Review%20of%20Ten-Tec%20Argonaut%20V.doc>

I hope some will find it helpful.

73 & 72,
Jeff
WB5GWB@ARRL.NET

Date: Wed, 14 May 2003 14:10:46 -0500 (EST)
From: <igeq100@iupui.edu>
To: jcasey@notes.cc.sunysb.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150626] Re: My Review of Ten-Tec Argonaut V
Message-ID: <Pine.GS0.3.96.1030514140712.22589G-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Jeff -

Thanks for the very complete review - the perspective of a daily user is sometimes more useful, at least more accessible, than a complete lab workup. I echo most of your thoughts and opinions, and I have thoroughly enjoyed the rig for 6 months or so that I have had it.

72,

Rich, WB9LPU

On Wed, 14 May 2003 jcasey@notes.cc.sunysb.edu wrote:

> Gang,
>
> I have posted a detailed review of the Ten-Tec Argonaut V, Model 516
> transceiver on the Long Island QRP Club web site:
>
> <http://www.qsl.net/liqrp/Review%20of%20Ten-Tec%20Argonaut%20V.doc>
>
> I hope some will find it helpful.
>
> 73 & 72,
> Jeff
> WB5GWB@ARRL.NET
>
>
>
>
>

Date: Wed, 14 May 2003 15:28:38 -0400 (EDT)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [150627] Re: QRP+ Transceiver
Message-ID: <200305141928.h4EJSdJV005601@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Ray--were you referring to Stan Yarema when you wrote that
the chief tech has passed away?

Eric

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Wed, 14 May 2003 15:36:55 -0400
From: "Brent Sutphin WB4X" <bsutphin@triad.rr.com>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [150628] Vertical Antenna Ground System.
Message-ID: <00ca01c31a50\$2d806180\$546d1f18@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm finally finished installing ground radials. At least for now. I ended up with 42 of them. Thanks to all who responded to my original post asking for info.

I cut the grass short, laid my radials on top of the ground, then spiked them down. Hopefully when the grass grows back they will be covered. I used galvanized gutter nails to spike the ends and galvanized chain link fence spikes to hold the middle and where ever needed. Worked like a champ.

Again, thanks so much for all the helpful information.
I'll let you know how the antenna works.

73
Brent

Date: Wed, 14 May 2003 12:40:43 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150629] Re: Why Radio?
Message-ID: <20030514194043.29741.qmail@web41010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I agree with Lenny!

I love this hobby; also fishing! Both pusuits, for me, are ones where it's nice to get the result, catch a fish, or have a QSO, but the mere fact of being all set up to potentially do one or the other is where the fun and excitement is!

72,

LL

--- Lenny Wintfeld <w2bvh@comcast.net> wrote:
> For me operating ham radio is in the same category
> as fishing.
>
> Some days you go out with 4 different kinds of bait
> and come back
> skunked and some times you throw out a rusty diamond
> jig and come up
> with an 8 pound fluke.
>
> Some days you can call CQ and get nothing in return
> and some days a nice
> ham from Kwajelein Atoll will return your call, or
> you can have a 45
> minute rag-chew with someone in Australia from the
> east coast. (All have
> happened to me).
>
> Both are pursuits for optimists.
>
>
> 73,
> Lenny W2BVH
>

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Wed, 14 May 2003 14:08:21 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: JessMX5 <jessmx5@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [150630] Re: Why Radio?
Message-ID: <Pine.LNX.4.44.0305141406230.2476-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

When the next disaster hits Hams might be able to help. In

general our help is needed for just a few hours.

On Wed, 14 May 2003, JessMX5 wrote:

> And when the next terrorist attack comes, or there is no electricity because
> of hurricanes, tornadoes, or whatever, then the cell phones and internet
> will be useless.

>

> Jess

> ----- Original Message -----

> From: "Karl F. Larsen" <k5di@zianet.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, May 14, 2003 6:25 AM

> Subject: Why Radio?

>

>

> >

> > The reason young people do not experiment with radio is because
> > they already have a radio called a Cell Phone and it works fine. It
> > has a transmitter that works real good. They have a radio in their car
> > that brings them music and talk.

> >

> > A person comes up and talks about Ham Radio. They listen to the
> > repeater talk and the HF "Long Distance" talk and walk away. They can
> > call Uncle Bill in Dallas anytime. The Internet gets them across the
> > world.

> >

> > So we need a different way to explain why we are Hams. 50 years
> > ago it made real sense to get an ARC-5 and modify it for operation on
> > the Ham Bands. Get a Phone Patch and cheat Ma Bell when a long distance
> > call was lots of Dollars. Repeaters gave us Cell Phone performance
> > before there were any.

> >

> > Why do we still do Ham Radio? One reason is so we can stay
> > proficient in CW. Another is we have friends we reach either on HF or
> > Repeaters. We don't even know their phone numbers. But none of this will
> > be fun for a young person.

> >

> >

> >

> > --

> >

> > - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

> >

>

>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 14 May 2003 16:10:52 -0400
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150631] Re: Why Radio?
Message-ID: <ce85cv8omf2rsa fh07gaep14r5g2jujuei@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

> Why do we still do Ham Radio?

We have ham radio for the same reason we race cars, go to air shows, go fishing, brew beer, ride horses, climb mountains, dive with SCUBA gear and so many other pastimes.=20

If it didn't exist in some form, we'd have to invent it all over again. Ham Radio spectrum exists as a play ground for those who are inclined to experiment or just plain have fun. =20

We're licensed because such activities could interfere with other legitimate users of the spectrum and we need to prove we have enough knowledge to stay out of their hair. It was never supposed to be a hazing ritual or anything of the sort designed to keep the participants civil. =20

Just as people who spend ridiculous amounts of money to go deep sea fishing aren't doing it because they're hungry, neither are we doing the things we do in ham radio for any other purpose other than it's fun. =20

Want to interest a kid? How about a transmitter hunt? How about building a radio? How about setting up a station? How about contesting? Field day? Propagation studies? Emergency preparedness? There are all sorts of ways, and all sorts of angles. =20

In short, if it interests you, share your enthusiasm with a child. My daughter thinks those parts I assemble in to a radio look pretty (hey she's only four). My son thinks the radios with those buttons and displays is way cool (he's three). Who knows what our next kid (due real soon now) will think...

73,

Jake Brodsky, AB3A

Proud daddy, Beer brewer, private pilot, shutterbug, gentleman farmer,
kite flier, and handyman wannabe. =20

Date: Wed, 14 May 2003 14:57:29 -0500
From: <stanw@toxsor.com>
To: <qrp-l@lehigh.edu>
Subject: [150632] WTD schematic for MFJ 1025 or MFJ 1026
Message-ID: <000501c31a53\$1250d180\$0364010a@toxsor.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

They post the manual on the web but it does not include a schematic.

Thanks, ak0b

Date: Wed, 14 May 2003 16:42:06 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [150633] OT: Need to copy a file too large for a floppy
Message-ID: <868C5268-864C-11D7-9715-003065EAB9EC@1stconnect.com>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Hi Gang:

I now have a nice re-cycled (removed from service) laptop.. P3 color
display sound card etc.

But it does not have a CDROM drive, only a floppy. So I've not been
able to transfer in ham software that has a file size larger than the
1.4 Meg of a floppy. Is there an application that will allow you to
split a file into segments, copy and load each segment, then restore
the file to it's proper size (without messing up the file). It has
Windows 98 on board.

73 de Ray
K2ULR
FN20t1

Date: Wed, 14 May 2003 15:37:51 -0500
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [150634] 4SQRP Wednesday Warble
Message-ID: <000501c31a58\$b03c6c60\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good evening gang:

Tonight, if the fair weather continues to hold, the Four State QRP Group will have our weekly Wednesday Warble. All QRP'ers within range are invited to drop in for an informal roundtable chat. Look for us on 3580.5 KHz at 9 PM central time, PSK-31 mode.

72, Dave

David Bixler W0CH
Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.net>
Four State QRP Group: <http://4sqrp.com>

Date: Wed, 14 May 2003 13:48:25 -0700
From: Jim Pruitt <PruittJ@cwu.EDU>
To: qrp-l@Lehigh.edu
Subject: [150635] SuSE/Mandrake Linux comparison in EWeek today
Message-ID: <sec2493c.031@hermes.cwu.edu>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-disposition: inline

For those that are interested in Linux EWeek had a nice review/comparison of Suse and Mandrake today at:
<http://www.eweek.com/article2/0,3959,1075098,00.asp>

for those that want to know why the Suse personal edition is \$40 but the professional edition is \$80 or why Mandrake 9.1 standard edition is \$40 but the Powerpak edition is \$70 and the ProSuite edition is \$200. It also discusses what you get or do not get in the free downloads and which ones have it.

The URL also points to some of the other reviews of the Mandrake, Red Hat, and Suse packages for anyone that is interested.

Jim Pruitt

```
>>> Jim Eshleman <jce0@Lehigh.EDU> 05/12/03 12:29PM >>>
> I'm not sure Robin was trying to spread FUD. Since we're talking
> about Suse Linux Professional (can one download the Pro version?) is
> it
> possible that there are some bundled apps that are not freely
> distributable? After all, Linux is just the kernel, and although
most
> of the apps may be GPL'ed, must they all be? I could find no answer
at
> suse.com...
>
> 73
> Jim N3VXI
```

Answering myself :-)

Found this at <http://www.suse.com/us/private/download/index.html>

"SuSE offers the possibility to install SuSE Linux free of charge directly from the FTP server. The function scope of FTP versions is virtually the same as that of the "normal" version. Merely a few program packages have been excluded due to license reasons. The installation support is not included either."

73
Jim N3VXI

Date: Wed, 14 May 2003 17:07:41 -0400
From: N8PHU <n8phu@comcast.net>

To: qrp-1@lehigh.edu
Subject: [150636] Re: Need to copy a file too large for a floppy
Message-ID: <003701c31a5c\$db750aa0\$6401a8c0@anaprd01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Winzip always worked for me!

----- Original Message -----

From: "Ray Sills" <raysills@1stconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, May 14, 2003 4:42 PM
Subject: OT: Need to copy a file too large for a floppy

> Hi Gang:
>
> I now have a nice re-cycled (removed from service) laptop.. P3 color
> display sound card etc.
> But it does not have a CDRom drive, only a floppy. So I've not been
> able to transfer in ham software that has a file size larger than the
> 1.4 Meg of a floppy. Is there an application that will allow you to
> split a file into segments, copy and load each segment, then restore
> the file to it's proper size (without messing up the file). It has
> Windows 98 on board.
>
> 73 de Ray
> K2ULR
> FN20t1
>
>

Date: Wed, 14 May 2003 16:09:40 -0500
From: "Mark Andrews" <KE4IOF@KE4IOF.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [150637] Re: Need to copy a file too large for a floppy
Message-ID: <015801c31a5d\$26d21a10\$146f640a@MarkAndrews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You can use WinZip to span floppies - www.winzip.com

Mark

Mark A. Andrews, KE4IOF

"You can't reason a person out of a position that the person wasn't reasoned into in the first place"

----- Original Message -----

...

> 1.4 Meg of a floppy. Is there an application that will allow you to
> split a file into segments, copy and load each segment, then restore

...

Date: Wed, 14 May 2003 17:24:24 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@Lehigh.edu
Subject: [150638] QRP+ repair..de VE3AB
Message-ID: <200305142123.h4ELNYT4019964@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have done a repair on my QRP+..the mixer SBL-1 (mini circuits module) was damaged by static (during Field DAY). I put a post on this great list..and had a VE7 come back with info..and eventually I got in touch with STan (SK). He gave me the info on an interesting repair to the module. I actually chose to leave it soldered to the board (no desoldering). I literally cut the lid off the component with a pair of side cutters!. It actually wasn't all that difficult. Then ...snip snip again..I cut out the tiny little transformers and the diodes..leaving nothing standing except the pins of the old SBL1. I then soldered a brand new SBL1 piggy back to the old pins..and the rig worked again..both receive and transmit. LATER..my soldering failed and the connections became intermittent..It is hard to solder piggy back in a small area..SO..I cut brass hobby tubing into 1/4 inch lengths..1/4 by 1/16 ID tubing. Dremel tool worked good. Then..I cut a wee nick in the tube to allow solder flow to the old pins of the SBL 1 on the board..then I plugged in the piggy back SBL 1..now a snug good fit..and I can remove it and experiment with different mixers. As well I soldered a simple diode protective circuit to prevent the damage from occurring again. I have some JPEG files with sketches on my mod..if anyone wants them.
73 Earl VE3AB

Date: Wed, 14 May 2003 17:28:39 -0400 (EDT)

From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: Ray Sills <raysills@1stconnect.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [150639] Re: OT: Need to copy a file too large for a floppy
Message-ID: <20030514172500.K8479-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 14 May 2003, Ray Sills wrote:

> But it does not have a CDROM drive, only a floppy. So I've not been
> able to transfer in ham software that has a file size larger than the
> 1.4 Meg of a floppy. Is there an application that will allow you to
> split a file into segments, copy and load each segment, then restore
> the file to it's proper size (without messing up the file). It has
> Windows 98 on board.

Get winzip....it will fit on a floppy. Install it on the laptop. Then
install winzip on your desktop.

Create a zip file of the what you want to move by creating the zip file
on the desktop's Drive A. Winzip will prompt you for disks as the floppy
is filled....

It the application is already in zip format on your hard drive...unzip it
to a temp area and do the above.

Or...look up simtel in google and look for file transfer software....bujt
then you'll need to buy a cable.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring and DrakeList
Web Hosting as low as \$3.49/month

Date: Wed, 14 May 2003 17:35:45 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: raysills@1stconnect.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: qrp-1@Lehigh.EDU
Subject: [150640] Re: OT: Need to copy a file too large for a floppy

Message-ID: <5.0.2.1.2.20030514173123.02093750@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:42 PM 05/14/2003 -0400, Ray Sills wrote:

>Hi Gang:

>

>I now have a nice re-cycled (removed from service) laptop.. P3 color
>display sound card etc.

>But it does not have a CDRom drive, only a floppy. So I've not been able
>to transfer in ham software that has a file size larger than the 1.4 Meg
>of a floppy. Is there an application that will allow you to split a file
>into segments, copy and load each segment, then restore the file to it's
>proper size (without messing up the file). It has Windows 98 on board.

>

>73 de Ray

>K2ULR

>FN20t1

Hello--

There are many tools, one of which is called splitter.exe, that are
available either as shareware, freeware
or in the case of splitter, for a \$7.00 fee. Splitter allows you to break a
file into up to 99 sections to load onto
floppies (although one has to have a **lot** of free time on one's hands to
manipulate 99 floppies<g>),
and then reassemble the segments either with splitter or a batch file.

Everyone has a favorite shareware/freeware site, but try...

www.zdnet.com

...or...

www.tucows.com

Try using "file splitter" as a search term.

73--

Brad AA1IP

Date: Wed, 14 May 2003 17:57:53 -0400
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [150641] RE: OT large file problem
Message-ID: <1D0AAAAA6-8657-11D7-9715-003065EAB9EC@1stconnect.com>
Mime-Version: 1.0 (Apple Message framework v552)

Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Hi Gang:

Many thanks to those who offered ideas. Most suggested PKZIP which allows you to span multiple floppies. Or networking the machines. It turns out, the laptop in question has a combo modem/ethernet PCMCIA card on board. Problem is, I don't have the fan-out cable to connect the PCMCIA card to the outside world. I'll try to find that cable, and I know that will help a lot. Part of the issue here is that the source files are on a desktop Mac, and I need to get them into the PC laptop. I've been able to do it with one-floppy files (like Digipan and CT. I'll keep working on it.

Again, thanks.

73 de Ray
K2ULR
FN20t1

Date: Wed, 14 May 2003 16:59:10 -0500
From: "Michael A. Newell, WB4HUC" <mnewell1@austin.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [150642] Re: Need to copy a file too large for a floppy
Message-ID: <000e01c31a64\$0ca99d00\$6501a8c0@austin.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If the source computer and target computers both have USB ports, go get a compact flash card reader and cheap compact flash card and transfer the files that way. No messing with zip utilities, or old-fashioned floppy disks. Compact flash cards are pretty cheap these days.

73,

Mike - WB4HUC
Austin, TX
<http://home.austin.rr.com/mjnewell/statin2.html>

----- Original Message -----

From: "Ray Sills" <raysills@1stconnect.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, May 14, 2003 3:42 PM
Subject: OT: Need to copy a file too large for a floppy

> Hi Gang:
>
> I now have a nice re-cycled (removed from service) laptop.. P3 color
> display sound card etc.
> But it does not have a CDRom drive, only a floppy. So I've not been
> able to transfer in ham software that has a file size larger than the
> 1.4 Meg of a floppy. Is there an application that will allow you to
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> the file to it's proper size (without messing up the file). It has
> Windows 98 on board.
>
> 73 de Ray
> K2ULR
> FN20t1
>
>

Date: Wed, 14 May 2003 18:24:15 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [150643] OT: Almost !
Message-ID: <20030514.182425.9086.9.kc8aon@juno.com>

A friend of mine is in need for a power supply for a Heathkit HW-12. If anyone on the list has one they are willing to sell, you can email him direct. His name and call is: Anuel Caserta, WA80QZ. And his email address is: anuel4765@adelphia.net
He is thinking of maybe converting the HW-12 to QRP by changing tubes so he can have a QRP tube station ! He will also be retuning and modifying it for CW operation at the same time !

Thanks in advance !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX
<> RockMite 40 <>
QRP-L #2112, FPqrp #33, AR QRP #269
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Wed, 14 May 2003 18:44:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <raysills@1stconnect.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150644] Re: Need to copy a file too large for a floppy
Message-ID: <[003b01c31a6a\\$5f41a8e0\\$0200a8c0@charter.net](mailto:003b01c31a6a$5f41a8e0$0200a8c0@charter.net)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I now have a nice re-cycled (removed from service) laptop.. P3 color
> display sound card etc.
> But it does not have a CDRom drive, only a floppy. So I've not been
> able to transfer in ham software that has a file size larger than the
> 1.4 Meg of a floppy. Is there an application that will allow you to
> split a file into segments, copy and load each segment, then restore
> the file to it's proper size (without messing up the file). It has
> Windows 98 on board.
>
> K2ULR

Well, there's a number of things you could do.

One is 'LapLink'. Over a 'null parallel' cable it's pretty fast. But you
have to BUY Laplink.

Or you can use Windows 'interlink'. It lets you link two PCs just like
you link more than two with the Microsoft home networks. And it
should work all the way back to DOS 5.0. In that case, the drive on
one machine 'appears' as an extra drive on the other.

If you have network cards...

Or, you can use PKZIP. It has an option to 'scan' across multiple
floppies. But PKZIP doesn't support long file names. I don't know
if Winzip will span floppies.

Mike

Date: Wed, 14 May 2003 18:46:36 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <raysills@1stconnect.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [150645] Re: Need to copy a file too large for a floppy
Message-ID: <004f01c31a6a\$aeb726c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sorry...

With WIN9x on both machines, just link them. If you don't have a network card, just link serial (slow!) or parallel (much faster) or ethernet (the best) and mount one units drive to the other.

Mike

End of QRP-L Digest 2920

